

COINS
OR
MEDLÆVAL INDIA
FROM
THE SEVENTH CENTURY
DOWN TO
THE MUHAMMADAN CONQUESTS

BY
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K C I E , C S I , R E

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PREFACE

THE successful irruption of the White Huns into Northern India in the beginning of the sixth century A.D. gave the first shock to the stability of the great Gupta Empire, which had lasted for two centuries without a check. The western provinces of Malwa and Rajputâna, from the Narbada to the Jumna as far east as Gwalior, were seized and held by the conquerors, while the Gangetic provinces were overrun and plundered and the temples destroyed as far east as Magadha. From that time the eastern provinces were in an unsettled and disturbed state and the power of the Guptas began rapidly to decline. Most of the states whose coins are described in the following pages rose to power and established their independence during the following two centuries.

The coinage which under the Guptas had been continued on a settled system of *dinars* of gold, and *half karshas* of silver began very early to be debased. In the western provinces the old thick *drammas* of silver were given up for small thin pieces copied from the Sassanian money, but without any letters or legends to show by whom they were issued. The Indo Scythian type of the copper money was continued in the Panjab and Kashmir down to the beginning of the fourteenth century. The

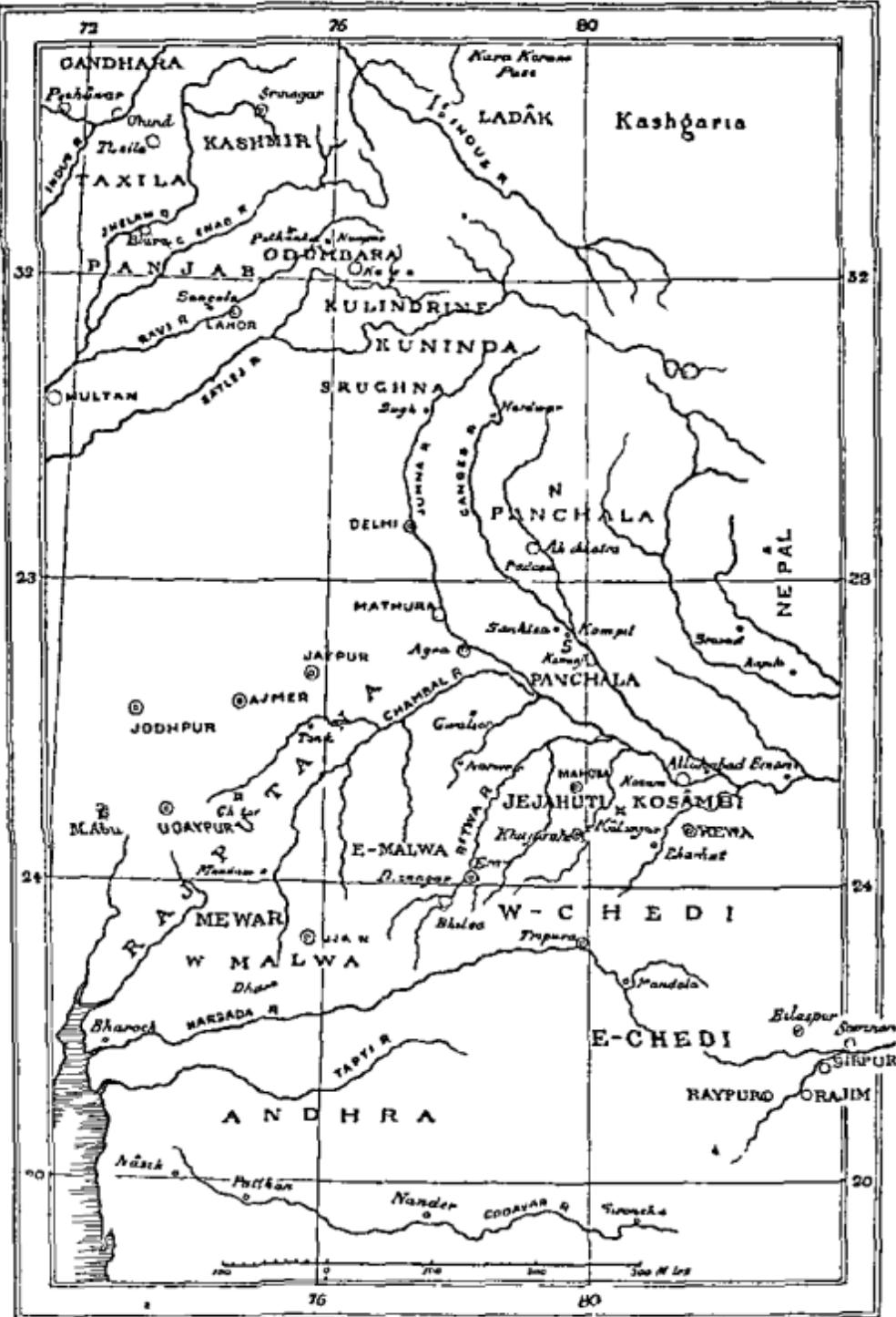
coin types of the Horseman and Bull of the Brahmans of Kabul were continued by the Ghaznavis, by the Ghoris, and by the different Rajput states of the North-West of India. And lastly, the Indian type of the Goddess Parvati, introduced by the Rajas of Chedi, was adopted by the Chandellas of Mahoba, by the Tomaras of Delhi, by the Rahtors of Kanauj, and even by Muhammad bin Sâm. All these different types are described in the following pages.

A C

[The author of this work died on 28th November, 1893, whilst it was passing through the press. The author's sons are indebted to Mr E J Rapson, of the British Museum, for kindly reading and correcting the whole of the proofs.]

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PANJAB AND N W-INDIA

COINS OF MEDIEVAL INDIA.

UNPUBLISHED COINS OF ANCIENT INDIA

In my account of the *Coins of Ancient India*, I purposely omitted the coins of the Western Satraps of Malwa and Surâshtra, as well as the coins of the Guptas of Magadha, because both series had already been very fully described, the former by Pandit Bhagwân Lâl, in the *Royal Asiatic Society Journal*, and the latter by Mr Vincent Smith in the same journal. But since these papers were published some new coins have been obtained, and as some of them are of considerable interest, I think it is right to make them known at once.

Plate I, Fig. 1—Copper coin of Taxila, 0.7 inch, 61 grains—a very perfect coin

Obi—A Bodhi Tree surrounded by Buddhist railing—*Swastika* and *Taurine* in field

Rei—The *Tarila* symbol in a circle (See *Coins of Ancient India*, Pl. II.)

Plate I, Fig. 2—Copper coin of Râjputana 0.7 inch, 121 grains, in fine preservation

Obi—Humped Bull, standing to left, surrounded by a radiated circle

Rei—Male figure with right hand raised Indian legend, *Isanya Janâgadasa* (See *Coins of Ancient India* Pl. VIII, Fig. 19)

I take this opportunity to describe some other ancient coins, which are not given in the Plate

No 3—Square copper coin, 56 grains, with Indian monogram forming *lajnabhu* quite clearly

No 4—Round copper coin, 32 grains

Obv—Standing female

Rev—Bodhi tree, with Indian legend *Age lat e Abhi cha ja*
The capital A's are both initial letters

No 5—Round copper coin, 120 grains.

Obv—Humped bull walking to right

Rev—Bodhi tree Indian legend, *Abhi cha Mitasa*

No 6—Round white metal coin, 36 grains

Obv—Lion with tail curled over back Indian legend, five letters, S only being distinct

No 7—Duplicate, 52 grains Legend lost

No 8—Round copper coin, 99 grains

Obv—Elephant

Rev—Female standing Indian legend overhead
Bhagavata

I—WESTERN SATRAPS

The long series of silver coins found in Mâlwa, Gujrat, and the adjacent provinces, which have been described by Prinsep, Thomas, and others, under the name of the "Sah Kings of Surâshtra," are now known as the "Coins of the Western Satraps" The title, first read as "*Sak*," as we now know from well-preserved coins and inscriptions, is properly either *Sinha* or *Sena* The mistake originated in the small letters of the coin legends which were generally wanting in vowels The series has been very fully described by the late Pandit Bhagwân Lâl Indrajî,

TAXILA



RAJPUTANA



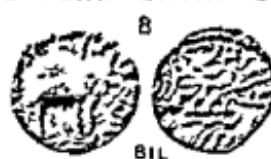
NAHAPANA



CHASHTANA



WESTERN SATRAPS



and carefully edited and illustrated by Mr. E. J. Rapson, of the British Museum¹

The coins of the Western Satraps begin with *Nahapana*, whose inscriptions are dated in the years 41 and 46, which I would tentatively assign to the era of the Mâlwas, beginning in B.C. 57. I am led to this assignment by the fact that some of his coins were certainly found at Ajmer in Rajputâna, while his conquests to the south would seem to be due to his son-in law *Ushnadartha*, a Saka chief. Two of his coins, obtained at Ajmer, I now give in Plate I, Figs. 4 and 5.

The family of Nahapana was succeeded by *Chashtana*, the Tiastanes of Ptolemy, whose capital was Ujain. His date is now, I believe, accepted as beginning with the Saka era in A.D. 79. Of himself and some of his successors I give a few coins in Plate I, to supplement the Pandit's account.

The silver coins of these Satraps are evident copies of the Greek hemidrachms, of which, as we know from the *Periplus*, those of Menander and Apollodotus were still current at Barygaza as late as the latter end of the first century A.D. They are apparently copies of the Philopator coins of Apollodotus.

The copper coins of these Satraps are of purely Indian origin. The Bodhi-tree, and the Dharma Chakra Pillar, are both common types of the early Buddhist coins. The humped bull, the elephant, and the chaitya are also well-known Buddhist types. But the thunderbolt and the arrow, which appear on all the known coins of Nahapâna, are quite new types.

The coins of Rudra Sinha, son of Satya Sinha, No. 13,

¹ *Journal Royal Asiatic Society* vol. xvi p. 639

and of Sinha Sena the sister's son of Rudra Sinha, No 14, are both dated the former in Varshe 310, and the latter in Varshe 304. My last addition is a coin of Rudra Sinha, No 15, on which he takes the title of *Maharaja Kshatrapa*.

Pandit Bhagwan Lal has drawn attention to the fact that *Sal Sam* 171 = A.D. 249, the latest date of Vijaya Sena, is the initial point of the *Tulutka Era* and I may add also of the Chedi Era.

WESTERN SATRAPS

AD	No	SS on coins	AD	Other dates
79	I	—	—	CHASHTANA
110	II.	—	—	Jayadaman
130	III	72	150	Rudra Damman
170	IV	—	—	Damajada Sri
175	V	100	178	Jivadaman
180	VI	103	181	Rudra Sinha
200	VII	122	200	Rudra Sena
222	VIII	144	222	Sangbadaman
222	IX	144	222	Prithivi Sena
225	X.	148	226	Dama Sena
232	XI	154	232	Damajada Sri
236	XII	158	236	Viradaman
238	XIII	160	238	Yasodaman
238	XIV	160	238	Vijaya Sena
250	—	—	—	171 = A.D. 249
258	XV	180	258	ISWARA DATTA
258	XVI	180	258	Damajada Sri
278	XVII	200	278	Rudra Sena
276	XVIII	198	276	Bhartridaman
—	XIX	?	—	Viswa Sinha
200	XX	216	294	Sinha Sena
—	XXI	—	—	Viswa Sena
305	XXII	231	309	JIVA DAMAN
315	XXIII	240	318	Rudra Sinha
—	XXIV	—	—	Yasodaman
345	XXV	270	348	RUDRA DÂMAN
—	XXVI	—	—	Rudra Sena
378	XXVII	300	378	SAYYA SINHA
382	XXVIII	304	382	Rudra Sinha
				Sinha Sena

GENEALOGY OF WESTERN SATRAPS

1	Dharmajadha-Sri ^{IV}	100	Jivardaman	103-118	Rudra-Sinha	160	76
2			Sanghamitram	111	Rudra-Sena ^{VII}		100
3			Prithiv Sena ^V	141	Dharmajadha-Sri ^{XI}		125
4			Prithiv Sena ^X	141	Vijay Sena ^{XIV}		142
5			Yaso-dlman ^{XI}	161	Vira-daman ^{XII}		148
6			Yaso-dlman ^{XII}	169-171	Yaso-dlman ^{XIII}		157
7			Rudra-Sena ^{XVI}	180	Rudra-Sena ^{XVII}		176
8			Sinha Sena ^{XVIII}	200	Bharti-daman ^{XIX}		200
9			Jivardaman ^{XIX}	216-223	Visvva-Sena ^{XV}		225
10			Rudra-Sinha ^{XXII}	231	Rudra-Sena ^{XXIV}		250
11			XCI	210	RUDRA-DAMAN		275
12			XXIII	210	Rudra-Sena ^{XXV}		300
13			Yaso-dlman ^{XXIV}	210-216	270-295		325
14			Yaso-dlman ^{XXV}			SATHA-SINHA	350
15						XXVI	
16						XXVII	
17						XXVIII	
18						XXIX	
19						XXX	
20						XXXI	
21						XXXII	
22						XXXIII	
23						XXXIV	
24						XXXV	
25						XXXVI	
26						XXXVII	
27						XXXVIII	
28						XXXIX	
29						XXXI	
30						XXXII	
31						XXXIII	
32						XXXIV	
33						XXXV	
34						XXXVI	
35						XXXVII	
36						XXXVIII	
37						XXXIX	
38						XXXI	
39						XXXII	
40						XXXIII	
41						XXXIV	
42						XXXV	
43						XXXVI	
44						XXXVII	
45						XXXVIII	
46						XXXIX	
47						XXXI	
48						XXXII	
49						XXXIII	
50						XXXIV	
51						XXXV	
52						XXXVI	
53						XXXVII	
54						XXXVIII	
55						XXXIX	
56						XXXI	
57						XXXII	
58						XXXIII	
59						XXXIV	
60						XXXV	
61						XXXVI	
62						XXXVII	
63						XXXVIII	
64						XXXIX	
65						XXXI	
66						XXXII	
67						XXXIII	
68						XXXIV	
69						XXXV	
70						XXXVI	
71						XXXVII	
72						XXXVIII	
73						XXXIX	
74						XXXI	
75						XXXII	
76						XXXIII	
77						XXXIV	
78						XXXV	
79						XXXVI	
80						XXXVII	
81						XXXVIII	
82						XXXIX	
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120						XXXII	
121						XXXIII	
122						XXXIV	
123						XXXV	
124						XXXVI	
125						XXXVII	
126						XXXVIII	
127						XXXIX	
128						XXXI	
129						XXXII	
130						XXXIII	
131						XXXIV	
132						XXXV	
133						XXXVI	
134						XXXVII	
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138						XXXII	
139						XXXIII	
140						XXXIV	
141						XXXV	
142						XXXVI	
143						XXXVII	
144						XXXVIII	
145						XXXIX	
146						XXXI	
147						XXXII	
148						XXXIII	
149						XXXIV	
150						XXXV	
151						XXXVI	
152						XXXVII	
153						XXXVIII	
154						XXXIX	
155						XXXI	
156						XXXII	
157						XXXIII	
158						XXXIV	
159						XXXV	
160						XXXVI	
161						XXXVII	
162						XXXVIII	
163						XXXIX	
164						XXXI	
165						XXXII	
166						XXXIII	
167						XXXIV	
168						XXXV	
169						XXXVI	
170						XXXVII	
171						XXXVIII	
172						XXXIX	
173						XXXI	
174						XXXII	
175						XXXIII	
176						XXXIV	
177						XXXV	
178						XXXVI	
179						XXXVII	
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181						XXXIX	
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183						XXXII	
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191						XXXI	
192						XXXII	
193						XXXIII	
194						XXXIV	
195						XXXV	
196						XXXVI	
197						XXXVII	
198						XXXVIII	
199						XXXIX	
200						XXXI	
201						XXXII	
202						XXXIII	
203						XXXIV	
204						XXXV	
205						XXXVI	
206						XXXVII	
207						XXXVIII	

PLATE I

No Metal Grs

NAHAPĀNA.

8	AR		British Museum, from Bhagwan Lāl, see his Plate, Fig 1—Junagarh in Gujarat. <i>Head of King</i> to right. Remains of Greek legend to left, unread <i>Arrow and Thunderbolt</i> Indian legend, <i>Rajnah Ashaharatasa Na hapanasa</i> Gandharian legend, <i>Ranah Chhaharatasa Nahapanasa</i> ²
4	Æ		Author, from Pushkar, near Ajmer Bhagwan Lāl, Fig 1a <i>Arrow and Thunderbolt</i> Indian legend not clear, but apparently <i>Nahapanā</i> <i>Deer and Dharma chakras on Pillar</i> Legend apparently Greek, ΙΑΕΩC
5	Æ		Author, from Ajmer <i>Arrow and Thunderbolt</i> Indian legend distinct, <i>Nahapanasa</i> <i>Bodhi Tree</i> , surrounded by Buddhist railings

CHASHTANA

6	AR	25	Author, from Gujarat <i>Head of King</i> to right, with collar round neck. Some Greek letters <i>Chaitya</i> Sun with 16 rays to right, cres- cent to left, snake or waved line below Indian legend, <i>Rajno Mahashatrapasa</i> <i>Ghasmotika putrava Chishtanasa</i> Gandharian legend, <i>Chathutasa</i>
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JAYA DĀMAN

7	Æ	28	Author, from Pushkar near Ajmer, square coin, see Bhagwan Lāl, Fig 3a <i>Indian Bull</i> to right, in front, trident and axe combined Indian legend, <i>Jaya daman</i> , incomplete <i>Four circles</i> , joined by a cross, the symbol of Ujain
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² This Gandharian legend (in *Khāoshtri* letters) was first pointed out by me

PLATE I

No	Metal	Grs	JIVA-DAMAN
8	Bil	24	Author, from Pushkar, near Ajmer, unique, apparently Billon <i>Humped Bull</i> to right, long inscription, Greek letters <i>Chaitya</i> , with sun and moon, waved line below Indian legend, <i>Rajnah mahakshatrapasa, Jiva-damasa.</i>
9	Bil	38	RUDRA DAMAN
			Author, from Pushkar, near Ajmer, unique, apparently Billon <i>Humped Bull</i> to right Legend illegible <i>Chaitya</i> , with sun and moon, waved line below Indian legend, <i>Rajnah Mahalshatrapasa Rudra Damasa</i>
			ANONYMOUS COINS
10	Bil	21	Author, from Ujain and Sārangpur in Mālwa <i>Elephant</i> to right, surrounded by circle of dots <i>Chaitya</i> , with sun and moon, waved line below Date in Indian figures, 129 = Rudra Sena
11	Bil	29	Author, from Ujain Types as No 10, with date of 147 = Dama Sena
12	Bil	20	Author, from Ujain Types as No 10, with date of 153 = Vira Damana
			RUDRA SINHA, son of SATYA SINHA.
13	AR	27	Author, from Pushkar, near Ajmer <i>Head of Satrap</i> to right, date behind head, <i>Varshe, 310 (?)</i> <i>Chaitya</i> , with sun and moon Indian legend, <i>Rajno Mahakshatrapasa Sīamī Satya Sinhasa putras</i> <i>Rajno Mahakshatrapasa Sīamī Rudra Sinhasi</i>

PLATE I

SINHA SENA

No	Metal	Gr.	
14	AR	28	<p>Author, from Pushkar, near Ajmer <i>Head of Satrap</i> to right, behind head, date <i>tarsh, 801</i> <i>Chaitya</i>, with sun and moon Indian legend, <i>Rajno Mahal shatrapas t</i> <i>Suami Rudra Sinhasa</i> <i>Rajno Mahal shatrapasa Suamivasa Suami</i> · <i>Sinha Senasa</i></p>
15	AR	27	<p>Author, from Pushkar near Ajmer, unique <i>Head of Satrap</i> to right <i>Chaitya</i> with sun and moon Indian legend, <i>Mahatrapa Suami</i> <i>Rudra Sinha putrasa</i> <i>Rano Mahakshatrapasa Suami Sinha</i> <i>Senasya</i></p>
			BALAENI
16	AR	27	<p>Author, from Pushkar, near Ajmer <i>Head of King</i> to right <i>Trident</i> Indian legend, not read, tentative reading in Archæol Survey, ix, 6, 29</p>
			RANA HASTI
17	AR	7	<p>Author, from Rajputana, rare <i>Elephant</i> to right <i>Rev — Sri Rana Hasti</i>, in two lines</p>
			KRISHNA RAJA KRISNAKUTA
18	AR		<p>Author, from Rajputana, <i>circa A.D. 875—400.</i> (See Archæol Survey, vol ix, 29. Pl V, 26, 27, 28)</p>
19	AR		<p><i>Rude Head of King</i> with moustaches No legend <i>Recumbent Bull</i> to right Indian legend, <i>Parama Mahesvara Maha</i> <i>ditya Padanudhyata, Sri Krishna Iuja</i></p>

MACADHA



NINE NAGAS



II —THE GUPTAS OF MAGADHA

The genealogy of the Gupta family is derived from their inscriptions. The founder of the family was *Sri-Gupta*, towards the end of the third century, or about 260—270 A.D. He is mentioned under this name by one of the Chinese pilgrims, who visited India in A.D. 670, as the founder of a monastery for the reception of Chinese pilgrims, about five hundred years before his visit. As he only refers to the time as *about* five hundred years, we may accept his statement as only an approximation to the true period, or say somewhere about the third or fourth century A.D. Regarding this name, Mr Vincent Smith has adopted Mr Fleet's opinion that the *Sri* is only the usual honorific prefix of Rajas' names. This view I utterly reject, as it seems to me quite impossible that *Gupta* by itself could form a name. Like *Pala*, *Datta*, *Dasa*, *Rakshita*, it requires the addition of the name of some god or hero to form a name—without this addition it has no meaning. The Chinese pilgrims were aware of this, as they mention another *Sri-Gupta*, who tried to kill Buddha, with his full name of *She li-jo to*, or *Sri-Gupta*,³ or "protected by Sri, i.e., Lakshmi."

The date of the Guptas was for a long time doubtful, owing chiefly to a statement of Alberuni, which apparently meant that their era, the *Gupta Jat*, was dated from their extinction. As they were lords paramount of North India for several centuries, the correct settlement of their date was very important. Luckily, their era is now fixed beyond all doubt, as starting from A.D. 319

³ I offer the English lawyer's name of *Ood deen* in his case of "Regina v. Ood deen, as an equally absurd name for a Muhammadan

value of the coin was much less, being only two-thirds of those of the earlier Gupta kings of 123 grains, with 107 grains pure

WEIGHTS OF GOLD COINS

	ROMAN.	Weight			
	Augustus—full wt., $\frac{1}{4}$ libra	126.25	pure		
	Do. Letronne .	121.94			
	Do. Brit. Mus.	121.26			
	INDO-SCYTHIANS.				
7	Wēma Kadphises .	123.0	means	pure	alloy
11	Kanishka . .	123.0		112.75	10.25
25	Huvishka . .	123.0		112.75	10.25
21	Vasu Deva . .	123.0		112.75	10.25
64	LATER INDO SCYTHIANS.			pure	alloy
	Kaneshki <i>Viru</i> . .	123.0		112.75	10.25
	Shāhā <i>Mi</i> . .	123.0		107.62	15.38
	Yellow <i>Kudar</i> . .	120.0		105.00	15.00
	Pale <i>Kudar</i> . .	124.0		62.00	62.00
	Late—pale Shāhī . .	120.0		75.00	45.00
	GUPTAS.				highest weights
8	Kācha . . .	123	pure	alloy	
12	Chandra Gupta I. . .	123	102.5	20.5	118.5
50	Samudra Gupta . . .	123	107.6	15.4	123.8
40	Chandīa Gupta II . .	123	107.6	15.4	126.0
47	Kumāra Gupta I. . .	123	107.6	15.4	126.5
48	Skanda Gupta . . .	124.6	107.6	15.4	126.7
9	<i>Do.</i> , pale heavy. . .	140	108.4	16.2	129.5
4	Narasinha Gupta . . .	146	78.0	67.0	
2	Kumāra Gupta II. . .	148	78.0	73.0	147.0
2	Vishnu Gupta . . .	149	66.5	81.5	150.0
3	Saśāṅga . . .	146	66.5	82.5	150.0
1	Jaya Gupta . . .	140	61.3	84.7	147.0
	Prabhāśaditya . . .	146	28.0	112.0	
			121.7		

The silver coins of the Guptas were copied from the silver money of the Western Satraps for their weight and fabric, and in the king's head on the obverse. On the reverse, however, a peacock was substituted for the Chartya. The Gupta silver money begins with the coins of Chandra Gupta II Vikramāditya. There are two different types of the peacock on the reverse. The Western coins of Mālwa and Surāshtra show the bird standing to the front with outspread wings, while the northern coins of the Gangetic provinces show the peacock with extended wings and expanded tail. The northern coins also bear dates in the Gupta era, of which I believe the specimen of Chandra Gupta II, in Plate II fig. 9, has the date of 80 odd. The weights of the coins vary from 29 to 36 grains, which shows that they, as well as their prototypes, the Satrap coins, were copied from the hemidrachms of the Greek kings of Kabul.

It is specially worthy of notice that on all the silver coins of the Guptas the head of the king invariably faces to the right, while on the silver coins of their foes, the White Hun Toramāna, and the Maukhari Iāna Varma, the head of the king faces to the left. This peculiarity was noted independently by Mr Thomas and myself as probably indicating a different line of rulers. But Mr Vincent Smith⁵ "attaches no importance to the circumstance that the king's head is turned to the left, because," as he says, "the Gupta gold series prove that it was a matter of indifference which way the king's effigy was turned." But he has overlooked the fact that the gold coins of the king shooting a lion with the bow held in the

right hand are probably only a blunder of the die-sinker. If not a blunder, then these Gupta kings must have been *ambidextrous* for several generations, as they are also represented shooting with the bow held in the *left* hand. But against this conclusion I may note the fact that, when the Gupta kings are shown with the end of the bow resting on the ground, they *invariably* hold it in the *left* hand.

As an illustration of an artist's blunder, I may cite a case which is within my own experience. An engraver with a photograph of Buddha before him actually copied it without reversing it, and consequently made Buddha appear with his *left* shoulder bare! If any copy of the first engraving should hereafter be found, it may perhaps be quoted as a proof that Buddha was sometimes represented with the *left* shoulder bare.

GUPTAS.

PLATE II			NARA SINHA GUPTA A.D 500-530	
No	Metal	Gr.		
1	N	147	Author, rude execution, and pale metal <i>King standing to left, bow in left hand, right hand extended</i> Under left arm <i>Nara</i> between feet <i>Gu</i> <i>Lakshmi seated on Lotus throne, legend to right, Sri Baladitya</i> N.B.—I give this coin because Mr Vincent Smith thinks that there is "no authority for reading <i>Gu</i> , which I take to stand for Gupta	
2	N	147	KUMARA GUPTA II.	
			Author, rude execution and pale metal <i>King standing to left with bow, under left arm <i>Gu</i></i> <i>Lakshmi seated on Lotus throne, legend, Sri Kramaditya</i>	

PLATE II

No.	Metal	Gr.	
			JAYA GUPTA
3	N	189	Author, rude execution, pale gold King standing to left, with bow in left hand, sun standard to right Under left arm <i>Jay</i> Lakshmi seated on throne, legend, <i>Sri Pita Jaya</i> (?)
			VISHNU GUPTA.
4	N	149	Author Pale metal, from Gaya, duplicates in Brit Mus, pale gold King standing to left, under left arm Vishnu Lakshmi seated on throne, legend, <i>Sri Chan draditya</i>
			SASANGRA
5	N	145	Author Gaya, and duplicate from As Soc., Bengal, pale gold Siva seated on Bull, legend below, <i>Jaya</i> Lakshmi seated on throne, legend to right, <i>Sri Sasanka</i>
6	AE	41	Author, from <i>Ahichhatra</i> <i>Budha's Bowl</i> , surrounded by Buddhist ruling Indian legend [<i>Sri</i>] <i>Maharaja</i> [<i>Ha</i>] <i>in Gupt tasya</i> The form of the letter <i>h</i> is peculiar to the Guptas
7			Cornelian seal from <i>Ariana Antiqua</i> [Pl I, fig 4, page 51], legend wrongly read by Wilson, rightly by Prinsep <i>Female Bust</i> , with hand holding flower Indian legend, <i>Kesava dusasya</i> = "Slave of Vishnu"
8	AE	87	Author, 0.85 inch, from <i>Ahichhatra</i> The largest copper coin of the Guptas yet found <i>Female bust</i> to left, with flower in right hand. <i>Girula</i> symbol or standard of the Guptas, legend lost

PLATE II			CHANDRA GUPTA II
No	Metal	Gras	
9	AR	29	Author, from Ajudhya, in Oudh <i>Head of King</i> to right, numeral for 80 in front of face Peacock standing to front with outstretched wings Indian legend incomplete, <i>rajadhiraja Sri Chandra Gupta</i>
10	AR	36	Author <i>Head of King</i> to right Therefore a Gupta king Peacock with expanded wings and tail Legend in rather rude letters, <i>Iyit aranir aranipati Sri [Skindo] Gupta deva jayiti</i> Skindo is Mr Fleet's reading, which I think is very doubtful, as the coin must be of later date
11	AR	88	TORAMANA—WHITE HUN British Museum with a duplicate <i>Head of King</i> to left, date in front of face 52 Rude peacock with expanded wings and tail <i>Iyit aranir aranipati Sri Toramana deva janita</i>
12	AR	85	ISANA VARMA—MAUKHARI Author, two specimens from Ahiehhatra <i>Head of King</i> , facing to left, date in front of face, not read. Peacock with expanded wings and tail Indian legend, <i>Iyit aranir aranipati Sri Isana Varma</i>

NARWAR

The great fortress of Narwar was one of the State prisons of the Mogul Emperors. It is situated in a bend of the Sindh River, on an isolated hill upwards of four hundred feet in height. It is just fifty miles to the SSW of Gwalior, and the same distance to the WNW of Jhansi. It derives its name from the famous Raja Nala

who is said to have been its builder. But as *nala*, "water lily," is often used as a synonym for *Padma*, or "the lotus," I think that *Nalapura* is only another name for Padmâvati, which, as I shall presently show, was certainly an old name of the present city.

As I obtained all my principal coins of the Nagas at Narwar, I have identified their capital of Padmâvati with that famous fortress. My account was published in 1865,⁶ and as I have nothing to add to my description I will quote my original statements.

"In the *Vishnu Purana* it is stated that 'the Nine Nâgas will reign in Padmavati, Kantipuri, and Mathurâ, and the Guptas of Magadha along the Ganges to Prayâga.' This statement is corroborated by the *Vayu Purana*, which however, gives a second dynasty of Nâgas 'The Nine Naka Kings will possess the city Champâvati, and the seven Nakas the pleasant city Mathura.' Princes of the Gupta race will possess all these countries, the banks of the Ganges to Prayâga, Sîketa, and Magadha."⁷

Padmâvati was at first identified by H H Wilson with some unknown city in Berîr, far to the south of the Narbadâ and afterwards with Bhâgalpur on the Ganges, but the mention of Mathura utterly precludes the possibility of either of those places having belonged to the Nine Nagas. Both cities should no doubt be looked for within some moderate distance of Mathurâ. The scene of Bhavabhuti's Mâlatî and Madhava is laid in the city of Padmâvati in the Vindhyan mountains. H H Wilson —

⁶ How wide the prospect spreads—mountain and rock,
Towns, villages, and woods and glittering streams—
There where the *Pîrî* and the *Sindhu* wind,

⁷ *Journal Bengal Asiatic Society*
H H Wilson's *Vishnu Purana* p. 479

The towers and temples, pinnacles and gates,
 And spires of *Padmavati*, like a city
 Precipitated from the skies, appear
 Inverted in the pure translucent wave '.

Here the *Sindhu* River is clearly the *Sindh*, on which Narwar is situated, and the *Pârâ* River is the *Pârbati* or *Paru*, which flows only five miles to the north of the *Sindh*. The subsequent mention of the *Madhumati* and the *Lunana* as streams in the neighbourhood of the city, further confirms the identification, as the first must be the *Mohura* or *Madhuvar* on the south, and the other the *Lun* or *Nun* to the north. Bhavabhuti further places the "holy shrine of *Sicarna Vîndu*" near the frontier of the *Madhumati* and *Sindhu*, which may be identified with *Suhenda*, or *Sonabindu*=*Sonenda*, which is close by.

The identification of Narwar with *Padmavati* is supported by the mention on the Allahabad Pillar of *Ganapati-Nâga* among the Rajas tributary to Samudra Gupta. We know from extracts already given from the *Puranas* that the *Nâgas* were contemporary with the *Guptas*, which is further proved by the similarity of their copper coins, which are mostly small pieces of 36, 18, and 9 grains. As contemporaries of the *Guptas* the Nine *Nâgas* must have reigned during the fourth and fifth centuries A.D.

As Kântipura and Mathura are included within their rule, their dominions probably extended over Bhatatpur, Dholpur, Gwalior, and part of Bundelkhand. This was the country of Raja Nala. I feel inclined, therefore, to identify the *Nâgas* with some of the early Kachwâha Rajas of Gwalior and Narwar, amongst whom I find the names of *Bhîma*, *Vyâghra*, *Vasumitra*, and *Ganapati*. The later Kachwâhas, who claimed descent from Raja Nala, were certainly in possession of both places, as the name

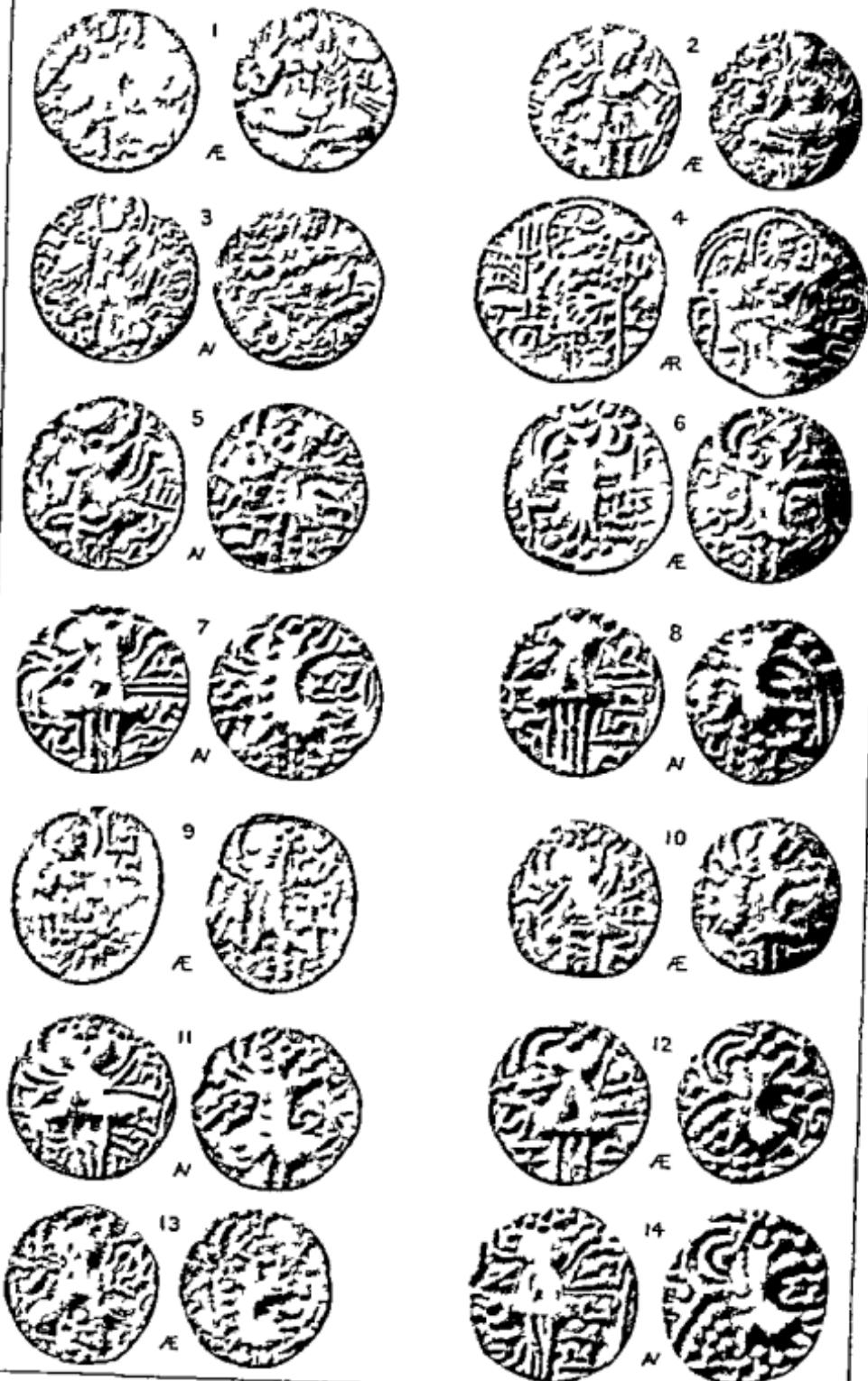
of the last of them, Dulha Deva, who founded the Kachwāha dynasty of Amber (Jaipur) is still attached to one part of the Fort of Narwar. He is recorded in the Jaipur chronicles to have been expelled from Gwalior and Narwar, and at Narwar itself he is said to have escaped from that part of the fort which still bears his name (See James Prinsep's *Useful Tables*, quoting Tod's *Rajasthan*.)

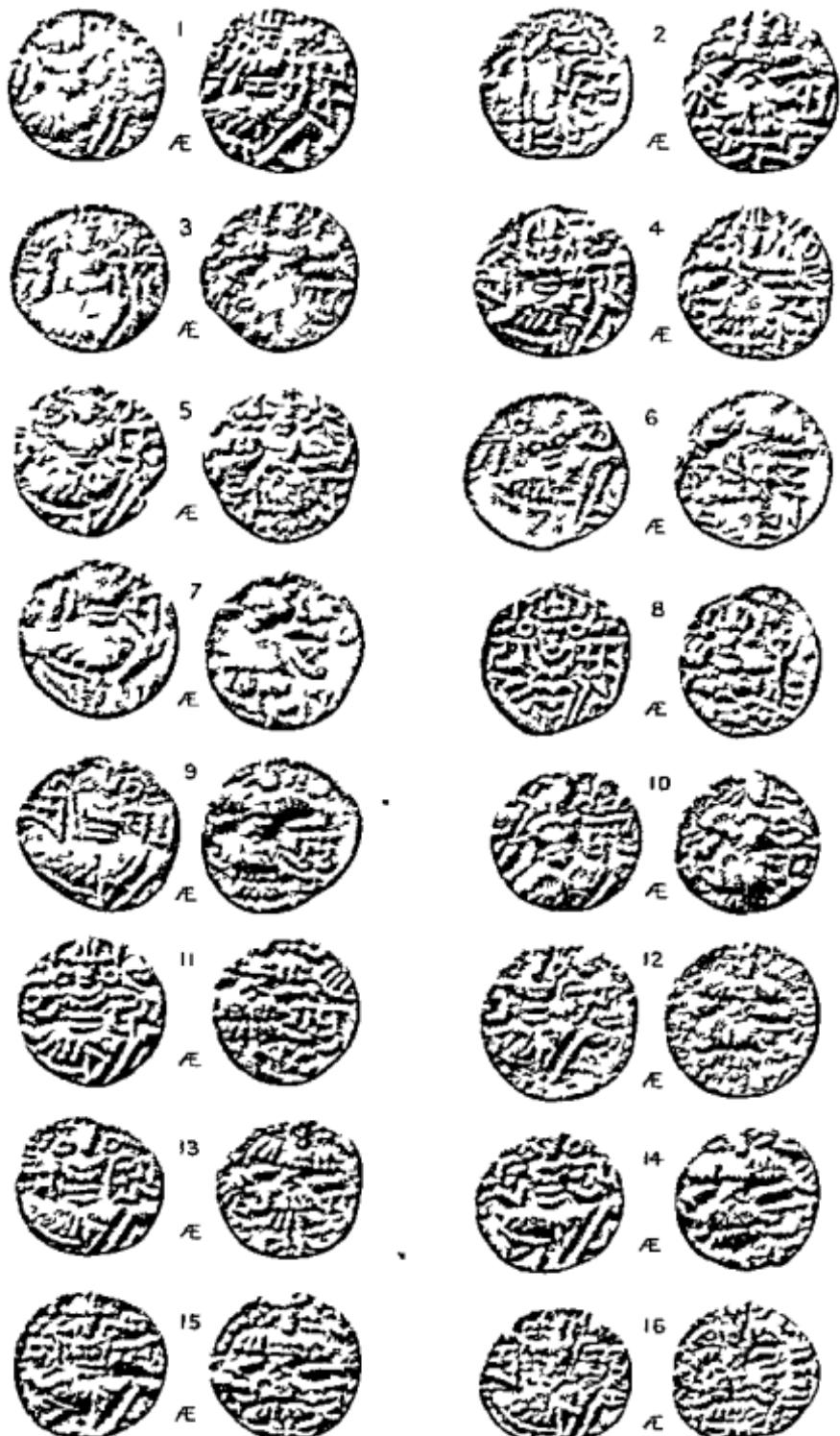
THE NINE NAGAS OF NARWAR

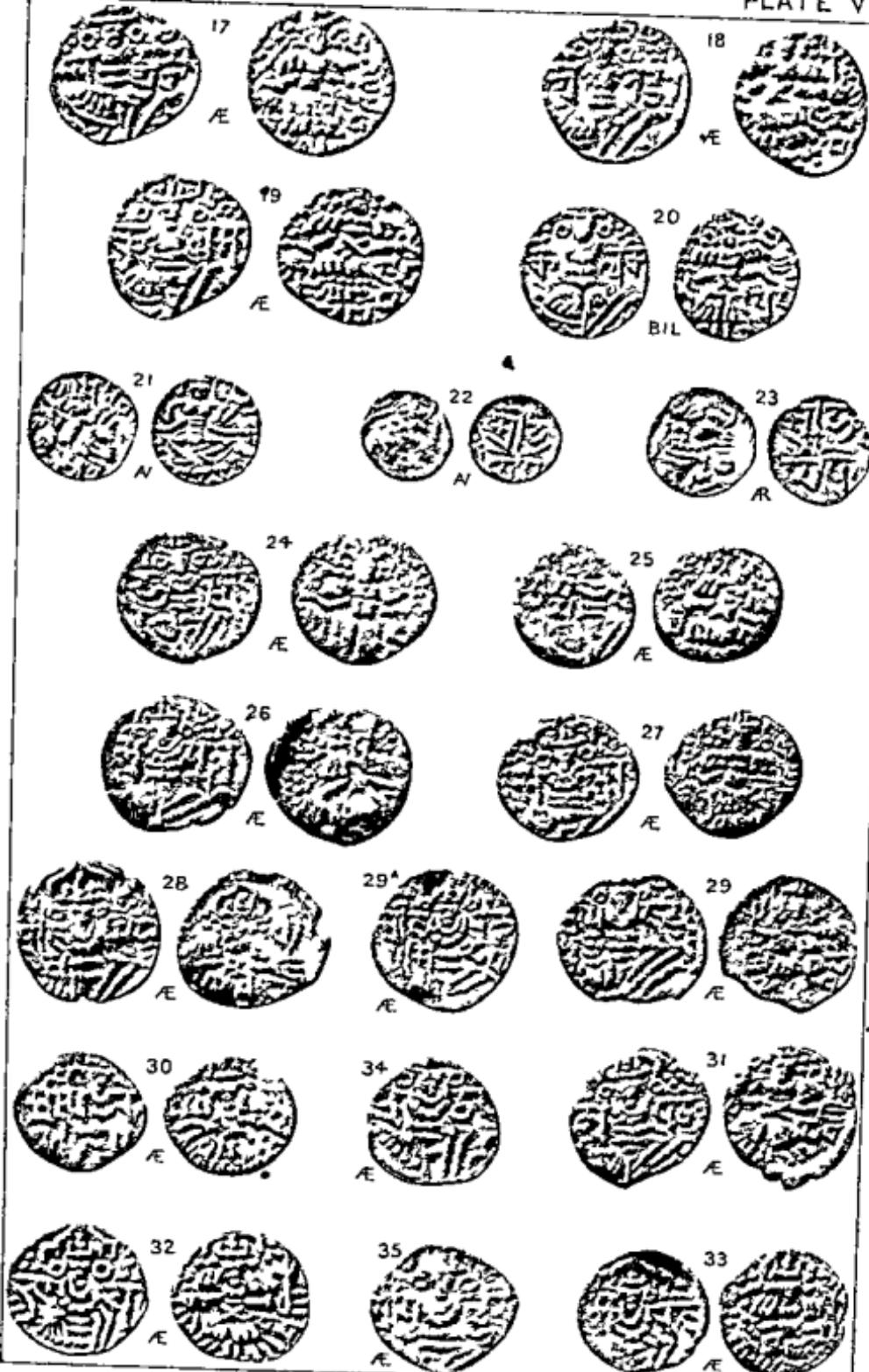
PLATE II.			
No.	Metal	Ors.	
13	Æ	50	KHA ++ Author, from Narwar, unique Peacock standing to right Two upright strokes, one with side piece, Indian legend incomplete, <i>Kha</i>
14	Æ	36	VA ++ Author, from Narwar, unique Peacock standing to right Two upright strokes, as on No. 13 Indian legend incomplete, <i>Va</i>
15	Æ	31 1	BHIMA NĀGA. Author, from Narwar, 5 specimens Peacock standing to left Horizontal line like a spear head Indian legend in two horizontal lines <i>Maharaja Bhima Naga</i>
16	Æ	31	SKANDA NĀGA Author, from Narwar, 12 specimens Peacock standing to right Two daggers, or short spears Indian legend, <i>Malardja Skanda Nagasya</i>
17	Æ	50 1	Author, from Narwar Recumbent humped Bull, in a circle of pellets Two daggers Indian legend <i>Maharaja Skanda</i> <i>Naga</i>

PLATE II

No.	Metal	Grs.	
18	Æ	18 3	BRIHASPATI NĀGA Author, from Narwar, 31 specimens Recumbent humped Bull Indian legend, <i>Mahārāja Brihaspati Nāga</i>
19	Æ	86	GANAPATI NĀGA Author, from Narwar, Gobid, Doab Very common, of 3 sizes, representing Kākini, 36 grains, half Kākini, 18 grains, quarter Kākini 9 grains and 7 grains Humped Bull walking to left Indian legend, <i>Maharaja Sri Ganapati</i> N B — The name on different coins varies both in form and spelling. On some it is written both <i>Ganendra</i> and <i>Ganendra</i> . The coins are extremely common, as I have seen several thousands of them
20	Æ	17	Author. Humped Bull, and legend <i>Maharaja</i> <i>Sri Ganendra</i> .
21	Æ	8	Author, same type and same legend.
22	Æ	18	VYĀGHRA [NĀGA] Author Half Kākini, very rare, square Wheel surrounded by circle of pellets Rev — <i>Vyajhra</i> .
23	Æ	86	DEVA NĀGA. Author Kākini Humped Bull walking to right, circle of pellets <i>Trisul of Siva</i> . Indian legend, <i>Maharaja Sri</i> <i>Deva Nagasya</i>
24	Æ	26	Author Kākini, 18 Kākini and 2 half Kākini Wheel, in circle of pellets Rev — Indian legend, <i>Maharaja Sri Deva</i> <i>Nagasya</i>
25	Æ	17	Author Half Kākini unique <i>Trisul of Siva</i> in circle of pellets Rev — Indian legend as on last







III—HINDU COINAGE OF KASHMIR

The Hindu Kingdom of Kashmir, even in its most palmy days, never extended beyond the limits of the Alpine Panjab. In the seventh century, when the Chinese pilgrim Hwen Thsing visited the valley, all the hilly country between the Indus and the Jhelam Rivers belonged to Kashmir, and this extension of the kingdom is well marked by the still existing temples at Amb, Mallot, Ketās, and Bighanwāla in the Salt Range, which are all in the Kashmirian style of architecture. The influence of Kashmir was of course felt more or less by all the smaller hill states. The submission of the two southern states Punach (or Purnotsi) and Rajaori (or Rajapuri) was the most permanent, but that of the more distant states of Champi (or Champapuri) and Trigirti (or Kangra) was little more than nominal at any time. I have, indeed, a very strong suspicion that the extension of the kingdom in the seventh century was due rather to the conquest of the valley of Kashmir itself, by the rulers of the ancient province of Taxila, than to the annexation of Taxila by Kashmir. The native chronicles speak of successful expeditions to Nepal, Mālwa, and Southern India, and even to Ceylon. But the last was probably only the quibbling result of some vain boast that kept the word of promise to the ear by referring to a small island in the lake of Kashmir, which still bears the name of Lankā (or Ceylon). Like Bengal, Kashmir was never a conquering power. As Maharaja Gulab Singh replied to me when I asked him whether he had any Kashmiris in his army, "Kuchh kām kī rājna," "They are useless."

Of the early history of Kashmir little is known beyond the bare facts that the valley in the third century

formed part of the great empire of Asoka, and that in the early centuries A.D., it belonged to the wide dominions of the Kushān Indo-Seythians, Kanishka, Huvishka, and Vāsu Deva. Intermediately it must certainly have been tributary to the Indo-Greek Princes Menander and his successors, although there is no allusion to them in the native chronicles. In the beginning of the sixth century, when the power of the Little Kushāns was overthrown by the White Huns, the valley was seized by the powerful Ephthalite Prince Mihirkul, and his coins are amongst the earliest specimens of Kashmir money. I possess also one coin of *Khungila*, or Narendraditya, one of the recorded successors of Mihirkul. The type of his coin is the same as that of Mihirkul, while his name of *Khungila* betrays his foreign origin, his other name of *Narendraditya* being only his Indian title, or perhaps a translation of his Seythian name. All these coins are described in my account of the White Huns, which will be published in the *Numismatic Chronicle*.

In the beginning of the seventh century the throne of Kashmir fell to Durlabha, whose reputed father was a *Nuga* or serpent. He founded the dynasty which was called the *Kashtala*, or *Nuga tamasi*, and with him begins the first regular series of Kashmirian coins. In A.D. 713 his grandson, *Chandra-pira* (*Chu-to lo pi-li*), applied to the Emperor of China for aid against the Arabs,⁸ whose army in that very year, under Muhammad Kāsim, after the conquest of Sindh, had advanced to the foot of the Kashmir hills. Durlabha himself is, I believe, also mentioned by the Chinese⁹ under the name of *Chu lo pa*, as an Indian

⁸ Remusat, *Nouveaux Mélanges Asiatiques* 1, 197
⁹ *Ibid.* 1, 212

king who, between A.D. 627 and 645, was required to aid the envoys from *Kipin*, or Arakhosia, on their way back from China. This statement shows that Kashmir was then one of the acknowledged routes between India and China.

The earliest coins that can be assigned with certainty to a Kashmirian king are of several different types, all of which bear the well known name of Mihirkul, the great Ephthalite conqueror. His silver pieces are copied from the thin Sasanian coinage of middle age. On the obverse is the king's head with the *trisul* of Siva behind the royal standard, surmounted by Siva's Bull in front of the face. The legend in Indian letters is *Jayatu-Mihira-kula*. A second silver coin of similar type has the legend, *Jayatu Vrishna dhicaya*, "May the Bull standard be victorious." These silver coins are extremely rare. The small copper coins are of a similar kind. On the obverse is the king's head with the Indian legend, *Sri Mihira kula*, and on the reverse a humped bull, with the Indian legend, *Jayatu Vrishna*, "May the Bull be victorious." The larger copper coins are of the Kushâñ type, with the standing king and the seated goddess. On these coins there are two different legends, both being in Indian characters. The one is *Jayatu Mihira-kula*, and the other is *Shahi Mihira gula*. The former, I conclude, was struck in Kashmir, the latter either in *Gandhara* or in *Taxila*. A third class of copper coins is of still larger size, with a horseman on the obverse, and the Indian legend *Mihira kula*, sometimes written in the wrong direction from right to left.

The next class of coins includes the names of *Toramuna* and his son *Pratiharasena* both of whom belonged to the recorded members of the royal family of Kashmir. On all these coins there is the additional name of *Kiddâra*, written perpendicularly, from which I infer that they were

of the tribe of Little Kushāns, the descendants of *Kidāra*. This inference is strengthened by the fact that I possess three silver coins of a king with the legend *Kidāra Kushana Shahi*, "Kidāra, King of the Kushāns." These are described in my account of the "Coins of the Little Kushāns," recently published in the *Numismatic Chronicle*.

The kingdom of the *Little Yueti*, or *Little Kushans*, was established at *Tu leu-sha* (*Puruṣha*, or *Peshāwur*) by *Kito-lo*, or *Kidāra*, King of the Kushans or *Great Yüe-ti*. Being recalled to protect his own dominions against the White Huns, he left his son behind in *Gandhāra*, who thus became the King of the Little Kushāns. Five districts to the north of *Gandhāra* belonged to him¹⁰. These would have included *Udyāna* and *Bajūcar* to the west of the Indus, and *Darvābhīsāra* to the east of the river. This settlement must have taken place shortly after the permanent occupation of the valley of the Oxus by the White Huns, about the middle of the fifth century A.D. In 520 A.D., the Chinese pilgrim Sung Yun found the Iphthalite King of *Gandhāra* at war with *Kipin* (*Ara-khosia*), and discontented with the small extent of his territory. To the descendants of *Kidāra*, therefore, I would ascribe the conquest of *Kashmir*, which the *Gakkars* now claim for their King *Kid*, or *Kand*. This would account satisfactorily for the occurrence of the name of *Kidāra* on so many of the coins of *Kashmir* and the North-Western *Panjāb* before the accession of the *Karkotaka* or *Nāga* dynasty under *Durlabha* in A.D. 625.

The name of *Kitolo* is still preserved in these western

¹⁰ Remusat, *Nouvelles Mélanges Asiatiques*, 1, 221. See also *Les Huns Blancs*, *par Viv de St Martin*, p. 11.

countries by the rulers of Chitrâl and Gilgit, who proudly style themselves *Shah Kitor*,

The coins of the Karkotaka or Nâga dynasty are of very bold but rude workmanship. They are apparently intended for gold *dinars*, but the gold is always more or less alloyed with silver. The alloy is sometimes so much as to make it difficult to say whether the pieces contain any gold at all. There are also specimens in copper of the same types, but most of these appear to me to be simple forgeries that have been originally gilded. There were, however, copper *dinars*, as it is recorded that the Raja *Jayapira* (A.D. 760-780) having found a copper mine, struck one hundred *lotis*, less one, of dinars in his own name. It is also said that he gave to an eminent Pandit named Bhatta, an allowance of one *lakh* (100,000) dinars duly¹¹. As these coins weigh 120 and 121 grains, they are the direct descendants of the gold dinars of the Kushâñ Princes Kanishka and Huvishka in weight as well as in type, although the type is miserably degraded.

The next dynasty of Kashmir princes was founded by Aranti-*Varma* in A.D. 855. From this time the dates have been carefully registered in the Raja *Tarangini*, or Sanskrit Chronicles of Kashmir, and the succession of princes is very completely illustrated by their coins. The same types, also, which had been originally adopted from the Indo-Scythian money, were continued down to the end. The only difference, in fact, is the more complete

¹¹ *Raja Tarangini* iv, st. 616. He struck one thousand millions, less one, of *lotis* of copper. The daily allowance of one *lakh* (100,000) of dinars to the "excellent Bhatta" must certainly have been in this copper currency.—*Raja Tarangini*, iv, st. 495.

degradation of the figures of both the Raja and the Goddess, which are only recognisable by tracing them back to their originals. Thus the same types had actually remained in use for upwards of one thousand years.

Gopāla Varma, the second king of the Varma dynasty, was a conqueror, and he added the district of Gujarat to the Kashmir dominions. Both his father *Arianti Varma* and himself were builders of temples. His father built the grand temples at *Avantipura*, which still exist in ruins, and in his own reign the massive temples at Pathan were erected by his queen Sugandha Rani.¹² All these temples have been described in my account of the Temples of Kashmir published in the *Journal of the Bengal Asiatic Society* for 1848.

MONETARY SYSTEM OF KASHMIR

Upwards of fifty years ago I wrote an account of the Coinage of Kashmir, published in the *Numismatic Chronicle* for 1843. I then made known the coins of seventeen different Hindu princes which I had obtained in the valley in 1839. But the lapse of time has gradually increased my collection, and I am now able to bring forward the coins of no less than thirty-eight different Hindu kings of Kashmir, who reigned from the sixth to the thirteenth century, A.D. Some of these coins are now exceedingly common, but others are very rare, and a few are still unique. Most of the known coins are of copper, but the existence of a few specimens, both of gold and of silver, proves that there must have been a coinage of both of these metals, and gives a hope that more specimens may

¹² *Rya Tarangini*, v., 157

yet be found. Gold coins named *Rupaka*¹³ are mentioned in the reign of Yasashara, A.D. 940, but their value is not known. The dictionaries say that the Rupaka was one-seventieth of a Suvarna, which seems an almost impossible subdivision. As the Suvarna was a coin of about 144 grains, the Rupaka would have been a small piece of only 2.057 grains, which seems too small for any real coin. Both gold and silver coins are spoken of in the reign of Harsha Deva, A.D. 1090, as the chief money of commerce, while the copper coin was but little used. I have specimens of the gold coins of different types, weighing 73 and 72 grains, and one of silver weighing 23.5 grains.

The only account of the monetary system of Kashmir that I have met with is a short notice by Abul Fazl in the *Ain-Akbari*. The following is his description of the coins in use in the time of Akbar —

2 Barahkans, or "Twelves"	= 1 Panchi or "Twenty fiver, or Kasirah
4 Panchis, ¹⁴ or "Twenty fivers"	= 1 Hät, or "Hundreder," or Rahat
10 Häts, or "Hundreders"	= 1 Sasnu, or "Thousander"
1½ Sasnu	= 1 Rab-sasnu or Rop-sasnu, or Sikkah

The *Panchi* was also known by the name of *Kasirah*, that is, the "brass or copper coin."

The *Hät* was equal to 1 *Dam* of Akbar, or $\frac{1}{4}$ th of a rupee.

The *Sasnu* was equal to 10 Dams, or $\frac{1}{4}$ rupee.

The values and weights of the different coins are easily deducible from Abul Fazl's account, thus —

The *Panchi* or *Kasirah*, which was equal to $\frac{1}{4}$ *dám*,

¹³ In the *Ain Akbari*, Jarrett, II, 854, the *rop sasnu* is said to be a silver coin.

¹⁴ *Panchi*

according to this account, must have weighed about 80 grains, or $\frac{1}{4}$ of 320 grains. But the greater number of my copper coins range from 85 to 95 grains each, the average of 30 good specimens of 30 different kings being 91 grains, while two half coins, or *Bāṇakanis* of Kshema Gupta, weigh 45 grains each. The copper coins of the Muhammadan kings are somewhat lighter, the average being only 83 grains.

Of the Hindu silver coins very few specimens have come down to us. I possess only one specimen of Raja Harsha Deva, which weighs 23.5 grains. As this would be equal to only one-eighth of a rupee, or 5 dâms, its value must have been 5 *hâts* of Kashmir, or one half *sasnu*. But my Muhammadan silver coins, of which I have weighed 28 specimens, give an average of 94 grains, which I take to represent a double *sasnu*, or 4 half *sasnu*s. The SILVER coinage must therefore have been as follows —

$\frac{1}{2}$ <i>Sasnu</i>	= 5 <i>Hats</i> = 22.4 grs = 1 <i>Kona</i> or $\frac{1}{4}$ <i>Kursha</i>
1 <i>Sasnu</i>	= 10 <i>Hats</i> = 44.8 grs = 1 <i>Karsha</i> [punch marked]
1 <i>Rab Sasnu</i>	= 15 <i>Hats</i> = 67.2 grs = 1 <i>Drachma</i> [Greek]
2 <i>Sasnu</i> s	= 20 <i>Hats</i> = 89.6 grs = 2 <i>Karshas</i>

For *Rab sasnu* the Kashmirian Pandits now read *Rop-sasnu*, or the "silver *sasnu*," as Abul Fazl, in the *Ams-Ulbari* says it was a silver coin of 9 *mashas*. As the *masha* of silver was only 2 *ratis* (or *surkhs*) in weight, the *Rop-sasnu* of 9 *mashas* would have been $1.82 \times 2 \times 9 = 32.76$ grains in weight. But I presume that the *masha* of 5 or 6 *ratis* (or *surkhs*) is intended, and if so, the weight would be $1.82 \times 6 = 10.92$ grains for the *masha*, or $1.82 \times 5 = 9.10$ grains. In this case, the weight of the *Rop-sasnu* would be either 98.28 grains or 81.9 grains. But the true weight of the coin can readily be calculated.

from its value of 15 *hats*, or 15 *dāms*, that is $\frac{1}{6}$ of a rupee. Taking the rupee at $179\frac{1}{3}$ grains of pure silver, the *Rop susnu* would be $\frac{179\frac{1}{3}}{40} \times 15 = 67\frac{2}{5}$ grains, or exactly equal to the Greek drachma. My silver coin of Harsha Deva (Pl. V fig. 23), of 23.5 grains, is therefore one third of a *Rop susnu*, or 22.4 grains. It was therefore a half *sāsnu*. And these three—the half *sāsnu*, the *sāsnu*, and the *Rop susnu*—must have formed the silver coinage of Kashmir.

The large silver coin of Pravarasena (Pl. III fig. 4), which weighs 120 grains, would therefore have been a piece of $2\frac{1}{2}$ *sāsnus*, or 25 *hāts*.

In connection with these coins I should expect to find a gold piece of 25 *sāsnus*. This should be 448 grains $\times 25 = 1120$, which, as 8 *ratis* of silver = 1 of gold, gives a gold piece of 140 grains, that is, the Indian *suvarna*. No piece of this size has yet been found, but my two gold coins of Harsha Deva, which weigh 73 and 72 grains, must be *half suvarnas*.

The money of Kashmir, as described in the following pages, consisted of the following denominations, the names of the existing coins being distinguished by capital letters.

GOLD—*Suarnas*, and **HALF SUVARNAS**

SILVER—*Pop-Sasnus* *Sasnus*, and **HALF SASNUS**

COPPER—**PANCHIS** or **KASIRAS** and **HALF PANCHIS**

I have found nothing to indicate the value of the white metal coins that were issued by Didda Rāni, Śāṅgrāma, Ananta, and Kalasa, from A.D. 950 to 1050 (Pl. V fig. 20). They are clearly a distinct coinage, better than copper, and less valuable than silver. I conjecture that they may have been intended for *hāts*.

each equal to 5 *panchus* or copper coins. They would thus have taken the place of silver, and would account for the scarcity of silver coins in the Kashmir series

Several kinds of coins are mentioned in the Kashmir history. The earliest are the copper *dinars* of Toramâna. As the younger brother of the reigning king Hiranya, he presumed to call in all the former money called *Bala-hat*, and to strike *dinars* in his own name.¹⁵ *Hat* means "struck," and is therefore used for coin in general, but as *hat* was the special name of a particular coin or "the hundreder" in Kashmir, I believe that the old coins here referred to were the Indo-Scythian copper money which had continued in use down to that time. Their weight is the same as that of the common Indo-Scythian coins, such as those of Hiranyakula, Mihirakula, Gokarna, and others.

In the reign of Raja Ananta mention is made of a jewelled "lingam" which his queen sold for 70 *lakhs* of *talikas*. As *tangha*, or *talika*, was the common name for a copper coin, I have little doubt that the pieces here referred to are the well-known copper *panchus*, or $\frac{1}{4}$ *hats*, of Ananta Raja, each equal to $\frac{1}{760}$ of a rupee. The whole amount would therefore be not much over £40,000. It is possible, however, that the *white metal* pieces of Ananta may have been called *tankas*.

In the reign of Harsha Deva his gold coins were copied from those of Karnâta in South India. They were called *Uthosha*, which means simply "fine gold."¹⁶

¹⁵ *Raja Tarangini*, iii, 108.

¹⁶ *Ibid.*, v. [The reference is incomplete in the manuscript, and I have been unable to supply it. There is probably some mistake here. I have been unable to find the word *Uthosha* either in the *Rajatarangini* or in any of the dictionaries — E. J. R.]

But the fact of the coins being made in imitation of those of Karnâta is fully corroborated by the coins of that country. Sir Walter Elliot has referred these coins to Konga-desa, or Coimbatore, but the curious fact just quoted proves that they must belong to *Karnâta*, or the Carnatic.

The unit of the Kashmir money account was the *kâni* of 2 *surkhs* or *ratis*, 1.82 grains \times 2 = 3.64 grains. Twelve and a half *kânis* made one *Bârah-kâni*, or "twelver"; twenty-five *kânts* made a *panchi*, or "twenty-fiver"; and one hundred *kânis* made a *hât*, or "hundreder." In Kashmir and the *Punjâb* the Sanskrit *sat* = 100 is pronounced *hat*. Hence the name of the coin. The *panchi* was a copper coin, equal in value to one quarter of a *dâm* of Akbar's money. It was also called *kasira*, or "the copper." The *hat* was equal to 1 *dâm*. The *sâsnu* was equal to 10 *hats*, from *sahasra*, or "one thousand" contracted to *sâs*.

SILVER.	COPPER.	12 1	Burkh or Ball.
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COIN TYPES

The constant type of the Kashmir coinage the standing Raja and the sitting Goddess was adopted from the money of the Indo Scythian Kushān kings, Kanishka, Huvishka, and Vasu Deva. It was the common type also of the great Gupta dynasty of India from its adoption by Śimudra Gupta in the middle of the fourth century A.D. On the earliest certain specimens of the Kashmir kings—the coins of Mihirkul, Hiranvakul, Gokarna, and others,—the king is represented as standing to the front with his face turned towards the left. His left hand holds a spear upright, and his right hand is stretched out over a small object which is supposed to be an altar. On the reverse there is a seated goddess, named *Ardoksho* on the Indo Scythian coins, who holds a cornucopie in her left hand, and a royal fillet or diadem in her right hand. On these coins *Ardoksho* represents the "earth goddess." On the Hindu coins of the Guptas she becomes gradually identified with the goddess *Lakshmi*, holding a lotus in her left hand instead of a cornucopie. On the coins of Toramāna and his son Pravarasena the cornucopie is replaced by the lotus, but on the later coins the arms of the goddess are gradually displaced by the letters of the inscription. At first the left arm is omitted, as on the coins of Sankara Varma and Gopala Varma, but on the later coins the right arm gives place to the title of *Sri*, which precedes most of the names. But the types rapidly become more and more degraded until it is difficult to trace them back to their originals.

The only new types in the Kashmir series were those introduced by Harsha Deva for his gold and silver coins. The "elephant" type, which he used for both metals [Pl. V, figs. 22, 23], was copied from the coins of Karnata,

and the "Horseman" type [Pl. V, fig. 21] was imitated from the money of the Brâhmani kings of Kabul [see Pl. VII—Gandâra].

The standard coin type of Kashmir thus remained unchanged from the type of Kanishka in A.D. 78, down to the Muhammadan conquest in A.D. 1339, or for 1261 years. Of course the types became so very much degraded that it is difficult to say which figure is intended for the standing king and which for the sitting goddess on the coins of Jaga Deva and Raja Deva of the thirteenth century. The Kashmir coinage therefore offers an almost unique example of a coin type remaining unchanged for upwards of twelve centuries.

CHRONOLOGY

The following lists of the kings of Kashmir are taken from the *Raja Tarangini*, a Sanskrit history begun by Kalhana Pandita, and continued by other writers down to the Muhammadan conquest. All the early part is little better than a mere list of names, amongst which we find *Asoka*, and the Indo Scythian princes *Hushka*, *Jushka*, and *Kanishka*. Still later there is mention of *Mihnakul*, who conquered the country. But he was certainly the great king of the White Huns who overran the whole of Northern India in the beginning of the sixth century A.D. He was therefore the paramount sovereign under whom the Raja of Kashmir was only a tributary prince.

The real history of the Kashmir kings begins with the Yuga Raja *Toramuna* and his son *Pararasena*, of both of whom we have coins. Shortly after them comes *Durlabha*, the founder of the *Naga* dynasty, of whom also we have coins, as well as of many of his successors. The actual dates begin with the death of *Vrihaspati* of the *Naga* dynasty in the year 89 of the *Lok Jat*, or A.D. 813. The

lengths of reigns only are given of the earlier dynasties, and all the previous chronology is simply absurd. For instance, the names of paramount sovereigns of the Kushāns and White Huns are mixed up with those of the tributary rulers of Kashmir. Thus Meghavāhan, the grandson of Yudhishthīra, is said to have been protected by Gopāditya, King of Gandhāra, but the interval between Gopāditya and Meghavāhan consists of three reigns covering 130 years, besides a whole separate dynasty of 102 years, making altogether 222 years!¹ Then again Gopāditya is placed 300 years after Mihirkul, making the period between Mihirkul and Meghavāhan upwards of 500 years, whereas we know that Mihirkul reigned about 515 to 540 A.D., while Pravarasena, the grandson of Meghavāhan, could not have been later than fifty years after him.

The chronology of the Nāga dynasty in the early reigns, as given in the *Rāja Tarangini*, is certainly wrong by about thirty years, as shown by some dates recorded in the Chinese annals of which the three following dates are examples.

I. *Chandrapūra*, the grandson of the founder, is placed in A.D. 696—699. According to the Chinese, the Raja of Kashmir, named *Chin to-lo pi li*, applied to the Emperor of China in A.D. 713 for aid against the Arabs—and, II. his successor, his younger brother *Mu to pi li* [or *Mulatapura*] was on the throne in A.D. 720.¹⁷

III. Another notice by the Chinese seems to refer to *Dulabha* himself. Between the years A.D. 627—649, the King of India, named *Tu lo pa*, was charged to have the envoys from Kipin safely conducted to their own country.¹⁸

¹⁷ Remusat, *Nouvelles Mélanges Asiatiques* 1, 197.

¹⁸ *Ibid.* 1, 212.

As Kashmir lay in the route to Kipin I conclude that *Tu-lo-pa* must be Durlabha.

Guided by these three dates I propose to correct Durlabha's accession by thirty-one years, or from A.D. 594, to A.D. 625. I select this date as it is the first year of the centenary cycle of the *Lok-kâl*, which came into use in Kashmir during the reign of the *Nâga* dynasty. I place the accession of *Chandrapiṇḍa* in A.D. 711, and his application to China for aid in 713, when Muhammad Kâsim was in the Northern Panjab.

The following lists of *Rajas* are taken from the *Raya Tarangini*, beginning with *Meghavâhan*, the grandfather of *Toramâna* and *Pravarasena*—whose dates are only approximate, although they cannot be far from the truth. This family must have belonged to the Little *Kushâns*, as their coins bear the name of *Kidûra*, i.e. *Ki-tol*, the founder of the Little *Yue-ti*. There are ten names in the list, to which I have added the years of each king as recorded in the *Raya Tarangini*, together with the probable dates of some of them according to my judgment.

Probable date. A.D.		Reign Years.
480	<i>Meghavâhan</i> . . .	34
500	<i>Sreshtasena</i> . . .	30
520	{ <i>Huranya</i> . . .	30
	{ <i>Toramâna</i> . . .	
	<i>Matrigupta</i> , a Brahman . . .	4
540	<i>Pravarasena</i> . . .	60
560	<i>Yudhishthira</i> . . .	21
580	{ <i>Narendraditya</i> . . .	13
	{ <i>Ranâditya</i> . . .	
600	{ <i>Vikramaditya</i> . . .	42
	{ <i>Baladitya</i> . . .	37

NÂGA DYNASTY

Reigns	Probable Accession A.D.	Names	Generations	Titles	Years reign	A.D.
1	625	Durlabha	I		36	605
2	681	Pratapaditya I	II		50	641
3	711	Chandrapira			8	691
4	—	Tarapira	III		4	699
5	719	Muktapira		{ Lalitaditya Pratapaditya II }	36	703
6	745	Kuvalayapira			1	739
7	746	Vajraditya	IV	Vappiyaka	7	740
8	753	Prithiviyapira			4	747
9	—	Sangramapira		[only seven days]	—	—
10	757	Jayapira [Jayja]	V	Vinayaditya	31	751
11	782	Lalitapira	VI		12	782
12	791	Sangramapira		Prithiviyapira	7	794
13	801	Vrihaspati		Jayapira	12	801
14	813	Ajitatapira	VII	Lokkal	83	813
15	849	Anangapira				849
16	852	Utpalapira	VIII			852
	855				31	855

ⁱⁱ The Calcutta edition has 26 years. The *Raja Tarangini* ^{iv} 134 says that Lalitaditya obtained the name of Pratapaditya.

The probable dates in this list have been derived from the corrections rendered necessary by the statements of the Chinese annals regarding *Chandrapira* and *Muktapira* which place these kings in A.D. 713 and 720.

The period between Muktapira's death in 745 and Vrihaspati's death in A.D. 813 is only 68 whereas by the lengths of the intervening reigns it is made 74 years. I have accordingly reduced Jayapira's reign to 25 years tentatively to make the chronology agree with the dates.

The 16 names cover 230 years [from A.D. 625 to 855] or 8 generations giving 14 years to a reign and 28 years to a generation.

VARMA DYNASTY

	Accession		NAMES	
	Lok kal	A.D.		
1	81	855	Avanti Varma	Aditya Varma
2	59	883	Sankara Varma	
3	77	901	Gopala Varma	
4	79	903	Sankata V	
5	79	903	Sugandha Rāni	
6	89	905	Partha Varma	
7	97	921	Nirjita Varma	
8	98	922	Chakra Varma	
9	9	933	Sura Varma I	
		934	Partha Varma	
	11	934	Chakra Varma	
10	11	935	Sankara Vardhana	
		936	Chakra V.	
11	13	937	Unmrittivanti	
12	15	939	Sura Varma II	

MIXED DYNASTIES

1	15	939	Yashkara	Yashkara
2	21	948	Sangrami Deva	
3	24	949	Parva Gupta	
4	24	950	Kshema Gupta	
5	34	958	Abhimanyu Gupta	
6	43	972	Nandi Gupta	
7	49	978	Tribhuvana Gupta	
8	51	971	Bhima Gupta	
9	56	979	Diddha Rāni	
10	81	1005	Sangrami Deva	
11	4	1028	Hari Raja	
12	4	1028	Ananta Deva	
13	57	1081	Kalaca	
14	65	1089	Harsha	
15	77	1101	Uchchala	
16	87	1111	Salhana	
17	88	1112	Suesala	
18	95	1120	Bhikshuicharya	

MIXED DYNASTIES—continued

	Accession		NAMES	
	Lok kal	A.D.		
19	8	1127	Jaya Sinha Deva I	
20	6	1130	Mallarjunna	
21	8	1132	Jaya Sinha Deva II	
22		1155	Paramanak	
23		1164	Avanti Deva	
24		1171	Bhopya Deva	
25		1180	Jassa Deva	
26		1198	Jaga Deva	
27		1214	Raja Deva I	
28		1236	Sangrama Deva	
29		1254	Raja Deva II	
30		1256	Lakshmana Deva	
31		1269	Kajala	
32		1287	Sinha Deva	
33		1301	Runchana	
34		1320	Udyana Deva	
35	99	1323	Kota Rani	
		1839	Muhammadan Conquest	

COINS OF KASHMIR

PLATE III.			TO RAMANA
No.	Metal	Grs	
1	Æ	101	Author Duplicate Brit. Mus., very rare <i>King standing</i> to left as on Indo-Scythian coins, <i>Sri Turyamana</i> <i>Lakshmi</i> seated, with lotus in left hand [Ki] dara written perpendicularly to left
2	Æ	118	<i>King standing</i> as on No 1 Nimbus round head, <i>Sri Toramana</i> , common <i>Lakshmi</i> seated holding lotus in left hand, and right-hand raised <i>Kidara</i> written upright to left, on some coins a lion's head below

PLATE III

No	Metal	Gr.	
8	N		<p style="text-align: center;">PRAVARASENA</p> <p>Lady Clive Bayley, a well preserved coin <i>Raja</i> standing to front, left hand on hip, right hand raised, two figures seated below, on right and left, <i>Sri Pravara- sena</i></p>
			<p><i>Lakshmi</i> seated on Lion, lotus in left hand vase of flowers to left Legend written perpendicularly on left, <i>Kidara</i></p>
4	Æ	120	<p>British Museum, 0.95 inch.</p> <p><i>Lakshmi</i> seated, lotus in left hand, to right, <i>Sri Pravara</i></p> <p><i>King</i> standing to left holding sceptre with cres- cent head in left hand, right hand ex- tended, trisul above hand, to right <i>Sena</i> under left arm, <i>Kidara</i> to left below, <i>ratna</i> (*)</p>
			<p style="text-align: center;">NARENDRADITYA</p>
5	N	115	<p>Author, from Kuram valley, 2 specimens, very rude</p> <p><i>Rude figure of female seated</i>, to right, <i>Sri Narendra</i></p> <p><i>Rude figure of Raja</i> standing, under arm, <i>Kida[ra]</i></p>
			<p style="text-align: center;">GOKARNA</p>
6	Æ	107	<p>Author, unique</p> <p>Very rude figure of female seated, to right, <i>Sri Gokarna</i></p> <p>Very rude figure of Raja standing, under arm, <i>Kida[ra]</i></p>

NAGA DYNASTY

DURLABHA, A.D. 625

7	N	122	<p><i>Author</i> Rude coin, apparently all the speci- mens are cast</p> <p>Rude figure of Lakshmi seated <i>Sri Durlabha</i> and to left, <i>Devi</i></p> <p>Rude figure of Raja standing, <i>Joya[ti]</i> and <i>Kidara</i></p>
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PLATE III			VIGRAHA [? VAJRA] A.D. 650
No	Metal	Gra.	
8	N	113	<i>Author</i> , very common Types same as No 7 <i>Obv</i> — <i>Sri Vigraha</i> , two letters to left not read <i>Rev</i> — <i>Asidara[ra]</i> , double struck
9	Æ	101	PRATĀPADITYA I, A.D. 661 <i>Author</i> early type unique <i>Obv</i> —Goddess seated <i>Sri Pratapa</i> <i>Rev</i> —Raja standing, <i>Asidara</i> under arm
10	Æ	93	PRATĀPADITYA II, A.D. 719 <i>Author</i> , common type <i>Obv</i> —Goddess and <i>Sri Pratapa</i> <i>Rev</i> —Raja and <i>Asidara</i> under arm
11	N	112	YASOVARMA, A.D. 730 ²⁴ <i>Author</i> , common, Manikyala Stupa Goddess, very rude, <i>Sri Yaso Varma</i> Raja, very rude, <i>Asidara</i> under arm.
12	Æ	110	NAMBI OR NAMVI (?) <i>Author</i> , rare Types as preceding coins <i>Obv</i> — <i>Nambi</i> with <i>Halā</i> to left <i>Rev</i> — <i>Jaya [De]śa</i>
13	Æ	118	JAYA [²⁵ JAYAPIRA] A.D. 757 <i>Author</i> , unique Types as preceding coins <i>Obv</i> — <i>Sri Jaya</i>

PLATE III

No. Metal Grs

14 *N* 120

JAYAPIRA OR VINAYĀDITYA, A.D. 757.

Author, very common.
Seated Goddess; Sri Vinayaditya.
 Standing Raja, *Jayati*, and *Kid[ara]* perpendicularly

VARMA DYNASTY.

PLATE IV.

NAMES

OBVERSE

Seated Goddess

REVERSE

Standing Raja.

No	Metal
1	<i>Æ</i>
2	<i>Æ</i>
3	<i>Æ</i>
4	<i>Æ</i>
5	<i>Æ</i>
6	<i>Æ</i>
7	<i>Æ</i>

Aditya Varma	<i>Adi . . .</i>	<i>Varma</i>
Sugkara Varma	<i>Sangkara</i>	<i>Varma</i>
Gopala Varma	<i>Gopala</i>	<i>Varma</i>
Sugandha Rāni	<i>Sri Sugandha</i>	<i>Derya</i>
Pārtha Varma	<i>Pārtha</i>	<i>Varma</i>
Chakra Varma	<i>Chak . . .</i>	<i>(Va)rma Deva</i>
Unmatti Varma	<i>Sri</i>	<i>Unmata[ti]</i>

MIXED DYNASTY.

No	Metal
8	<i>Æ</i>
9	<i>Æ</i>
10	<i>Æ</i>
11	<i>Æ</i>
12	<i>Æ</i>
13	<i>Æ</i>
14	<i>Æ</i>
15	<i>Æ</i>
16	<i>Æ</i>

Yasaskara	<i>Yashaka</i>	<i>Deva</i>
Parvva Gupta	<i>Sri Parvva</i>	<i>Gupta</i>
Kāshema Gupta	<i>Kashema Gu-</i>	<i>-pta De-[ta]</i>
Diddikshema Gupta ²¹	<i>Di Kshema Gu-</i>	<i>-pta</i>
Abhimanyu Gupta	<i>Abhimanyu</i>	<i>Gupta</i>
Nandi Gupta	<i>Nandi Gu-</i>	<i>-pta</i>
Tribhuvana Gupta	<i>Tribhuvana</i>	<i>Gupta</i>
Bhuma Gupta	<i>Bhuma Gu-</i>	<i>-pta</i>
Didda Rāni	<i>Sri Didda</i>	<i>Deviya</i>

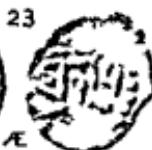
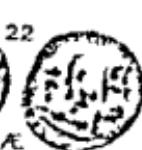
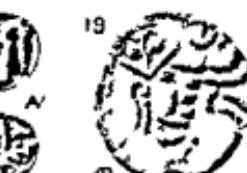
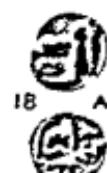
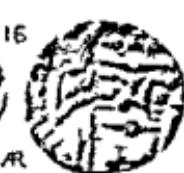
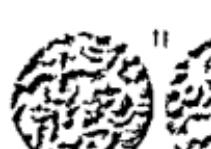
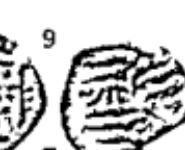
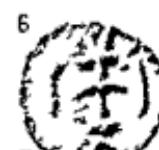
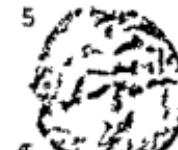
²¹ Kshema Gupta, shortly after his accession, married Didda, with whom he was so infatuated that he added her name to his own, and called himself *Didda Kshema*, which is contracted on the coins to *Di-Kshema*. The coins with this name are extremely common, but the single-name coin is unique.

MIXED DYNASTY—continued.

PLATE V		NAMES	OBVERSE Seated Goddess	REVERSE Standing Raja.
No	Metal			
17	Æ	Sangrama Deva	Sangrama Ra-	-ja Dera
18	Æ	Ananta Deva	Ananta Ra-	-ja Dera
19	Æ	Kalasa	Kalasa Ra-	-ja Dera
20	BIL.	Dutto	Kalasa	Prama . .
21	N	Harsha, 73 grains	Horseman with lance to r	Goddess seated
22	N	Dutto, 72 grains	Elephant to right	Sri Harsha Dera
23	Æ	Dutto, 23 5 grains	Same as 22	Sri Harsha Dera
24	Æ	Dutto	Harsha Raja	Dera
25	Æ	Uchchala	Uchchala	Dera
26	Æ	Sussala	Sri Sussala	Dera
			Some coins are without the Sri	
27	Æ	Salla	Salla Ra[ja]	Dera
28	Æ	Jaya Sinha Deva I.	Sri Jaya sinha	Dera
			Some coins have Jaya Sinha Raja	
			Deva	
29	Æ	Jaya Sinha Deva II.	Sri Vyaya Suta	Sinha Deva
29a	Æ	Sri Jaya Suratna Dova		
30	Æ	Paramanak	Sri Para [mānaka]	Dera
31	Æ	Avanti Deva	Avanti	Dera
32	Æ	Jaga Deva	Jaga	Dera
33	Æ	Raja Devs	Sri Raja	Dera
The two following coins are of the Kashmir types, but the names of the Rajas are not in any of the lists				
34	Æ	Pratipā Deva	Pratipā	Dera
35	Æ	Gulhana	Sri Gulhana	

VI.—RAJPUTANA AND N.-W. INDIA.

The Saka satraps of W. India [Surashtra and Mālwa] were subdued by the Guptas about A.D. 400. The Balharas, of whom we have only some unread coins of silver, were most probably also tributary to the Guptas until Balabhi was sacked in A.D. 524 by the White Huns. As this date falls in the middle of the reign of Mihirkul,



I conclude that the destruction of the city was the work of the great Ephthalite invader. His father Toramāna, the leader of the *Jâbûli* White Huns, had already conquered Sindh in A.D. 505, and W. Mâlwa about A.D. 510, in the time of Bhânu-Gupta, whose inscription at Eran is dated in S. 191 of the Gupta era, or A.D. 509. The coins of the *Jâbûli* kings of Sindh are thin broad pieces of silver, copied from the Sassanian money. They are described in my account of the White Huns, which was read before the last meeting of the Oriental Congress in 1892.

Mihirkul himself was defeated by the combined armies of the Hindu Princes of Upper India, and driven out of Rajputâna about A.D. 530.

The Indian coins of Mediæval Age, from A.D. 600 to 1200, that are found in Râjputâna and N. India, from the Sutlej eastward as far as Benares, and from the Himalaya southward to the Narbada River, consist of three distinct classes chiefly of silver, or of copper plated or only washed with silver. There is only one gold coin, Pl. VI. 18, with mediæval letters.

I. Thick pieces of silver, weighing upwards of 60 grains [Pl. VI. fig. 7], with a head on one side and an altar, or throne, on the other. These are found most plentifully in S.-W. Rajputana, in Baroda and the neighbouring districts of Mewar, Mâlwa, and Gujarât. They are known by the names of *Gadiya*, derived, as I conjecture, from the fire altar or *throne* (*gadi*) on the reverse. By the early Muhammadan writers they are described as *Tâtariya* dirhems, or as Masudi²² writes the name *Talato-uciya* dirhems, weighing $1\frac{1}{2}$ dirhem, or $48 + 16 = 64$ grains.

²² Sprenger's Masudi.

In weight they correspond exactly with the Greek *drachma*, and in type they are the direct descendants of the *hemidrachms* of the Saka satraps of Surashtra and Malwa with the *gadi*, or "throne," in place of the original *chaitya*. Even the *sun* and *moon* symbols of the Sassanian coins are retained with the fire altar or throne.

II Thin broad pieces of silver, weighing upwards of 60 grains [Pl VI figs 13—15] with a head on one side, and a fire altar with two attendant priests on the reverse. These are simply rude copies of the Sassanian coins. They are common in the Gangetic Doub, but are found more plentifully in Mewar and Marwar, and throughout all Rajputana. The early coins are without letters, but they still retain the sun and moon symbols of their Sassanian prototypes. The king's head has a beard and a moustache as on the Sassanian coins. The flames of the altar have become a mere pyramid of dots and the attendant priests are scarcely recognisable as intended for human beings. On the later coins the title of *Sri* appears either above or behind the head, and other letters in front of the face, as *Ha* or *Ja*, and others. It is possible that *Ha* may be the initial syllable of *Harsha* Vardhana's name, but this is only a guess. As the letters belong to the seventh or eighth century this tentative guess is at least plausible.

There is a large number of copper coins [Pl VI 1—6] which show Siva and his bull on one side, and on the reverse a very rude representation of what appears to be a fire altar with its two attendant priests. Many of them bear single letters or names in early mediæval letters. One has the name of *Rudra*, and a second has the syllable *Tri* which may be the first syllable of a well known name of *Siva*, either as *Tri-lochan*, "the three eyed," or

Tripurāntala, "the destroyer of the Asur Tripura" The Bull Nandi and the Trident are well-known symbols of Siva. A large find of these coins was made at Rohtak, between the Sutlej and Delhi, ten years ago. They probably formed the common copper currency of the Panjab and Rajputana between A.D. 500 and 800.

There are also smaller silver and copper coins of Sassa man types with the name of *Sri Somala Dēta* (Pl. VI, 10-12), of whom we know nothing. As the copper coins bear a horseman they were probably copied from the coins of the Brahmanī kings of Kabul, and would therefore date in the ninth or tenth century A.D.

Another class of silver coins of Sassanian type bears the name of *Sri Vigraha* (Pl. VI 16), while some have *Sri Ja*.

The latest class of these coins is quite different. On the obverse is the figure of the Varāha incarnation of Vishnu, and on the reverse, in letters of the ninth century, the legend *Srimad Adi Varaha*, which was the title borne by Bhoja Deva of Kanauj in A.D. 850-900.

All these coins were known by the general name of *drammas* or *dramyas*, of which several distinct kinds are mentioned in the *Suon* (or *Sidonuya*) inscription, with dates from A.D. 903 to 968.¹³ The following kinds, I believe, may be identified with some of the specimens in Pl. VI. I will describe these separately under the letters A, B, C, and D.

- A — *Drammas* without any special name
- B — *Srimad Adi Varaha drammas*
- C — *Vigraha Pila drammas*
- D — *Panchajaka drammas*

Drammas, or *Dramyas*, are also mentioned in the following inscriptions —

Gwalior—A.D. 875, 876 *Srimad Adi Varaha*, title of Bhoja Deva of Mahodaya or Kanauj²⁴

Pehewa—A.D. 903 907 *Mahendra Pala Deva—Dharmas*²⁵

Asni—A.D. 917 *Mahi Pala Deva—Dra* 500²⁶

Jaunpur—A.D. 1216 2 250 *Shad Boddi/a Drammas*²⁷

Besant—A.D. 1207 *Dra* 10, *Dra* 1,000²⁸

The simple *Drammas*, A, I take to be the small thick pieces of silver (Pl. VI, 7), weighing upwards of 60 grains, or up to 65 and 66 full weight, which are generally known in Gujarat and Mâlwa as *Gadya* coins, and also as *Chaukadu/a*. There is a weight called *gadyânak* of 36 *ratis*, or 65 5 grains at 1 82 grains to the *rati*, but the weight varies very much according to the value of the *rati*. I take the common *dramma* to be the lineal descendant of the Greek drachm of 67 2 grains full weight, and I would identify it with the *Shad-boddi/a dramma* of the Jaunpur inscription. The *todi*, or *boddi/a* was the name of the $\frac{1}{4}$ pana, or *padu/a* of silver = 11 2 grains, or exactly the same as the Greek *obolus*.

The *Srimad Adi Varaha Dramma*, B (Pl. VI, figs 20, 21), was of the same weight as A, ranging up to 63 grains.

The *Vigraha Pala*, C, was also of the same weight as A (Pl. VI, 16). Fractions of this coin are also mentioned

²⁴ The Gwalior inscription of the rock cut Temple states that the Governor of Gopadri was appointed by King *Srimad Adi Varaha*, or Raja Bhoja Deva.

²⁵ *Epigraphia Indica*, i, 184 185

²⁶ *Indian Antiquary*, xvi, 174

²⁷ *Archæol Survey*, xi, 176

²⁸ *Archæol Survey*, xvi, 102

as $\frac{1}{2}$ and $\frac{1}{3}$ of a Vigraha Pila dramma, but as no small coins of this type have been found, the fraction must have been in copper coins.

The *Panchiyala dramma*, D, I understand to have been a piece of "five boddikas," as its name seems to imply. Its full weight would therefore have been five times 11.2 grains, or 56 grains. This weight answers exactly to that of the silver coins of the Kabuli Brahman coins, twelve of which in my cabinet average 54 grains.

With the single exception of the *Adi Varaha* coins, none of the pieces represented in Plate VI have yet been assigned to any known kings. We know nothing of any prince named *Somala Deva* (Figs. 10, 11, 12), and we cannot fix the country of *Vigraha*. As the *Siron* inscription calls the coins *Vigraha Pala dramma*, the prince may have belonged to the Raghuvansa family of Bhoja Deva, as all of his known successors took the suffix of Pala, as in the following list, according to the *Pehera*, *Siron*, and *Asni* inscriptions.

Probable Year in A.D.		Dates, A.D.
860	BHOJA DFVA	862 875 882
885	Mahendra Pala Deva	903-907
910	Ishiti Pala, or Mahi Pala	917-918
935	Deva Pala	918

The only Vigraha Palas that I know belong to the Pala Rajas of Magadha. Their dates would suit, but we have not hitherto found any of their coins. The following names precede that of *Malipala*, who certainly possessed Benares and whose date is well ascertained.

Accession A.D.		
910	Vigraha Pala I	
925	Narayana Pala	
950	Rajya Pala	
965	Rāma Pala	
980	Vigraha Pala II	S 12 of reign
1015	Mahi Pala	v.s 1083=A.D. 1026

During some excavations of the ruins of the Vajrāsan Vihāra at *Ghosādāra* in Magadha I found some silver coins of Vigraha, one of which differed from the usual type in having no king's head, the inside of the obverse being occupied with the name in large letters *Sri Vi* (*graha*), see Plate VI, fig. 17²²

RAJPUTĀNA AND W. INDIA

PLATE VI

No.	Metal	Grs.	
1	AE		British Museum <i>Prinsep's Antiquities</i> , by E Thomas [Pl XXXIV 17, 18] <i>King to front, with spear in left hand</i> <i>Sun Indian legend, Ghuta, or Shuta</i>
2	AE		British Museum <i>Prinsep's Antiquities</i> , by E Thomas [Pl XXXIV 12] <i>Siva and his Bull Nandi, as on the coins of Vasu Deva</i> <i>Fire Altar (?) Indian legend, Rudra</i>
3	AE		<i>Prinsep's Antiquities</i> , by E Thomas [Pl XXXIV 11] <i>Siva and Bull Rei—Trident with Trī</i> <i>Author, four specimens from large find at Rohtak</i> <i>Siva and Bull Rei—Rude Fire Altar, attendant to left, Bal in monogram to right</i>

²² *Archaeol. Survey of India* xi 175, and Plate XLIII

PLATE VI			
No.	Metal.	Gr.	
1	Æ		British Museum. <i>Sita and Bull.</i> Rev.—Rude Fire Altar, attendant to right, wheel to left.
5	Æ		<i>Sita and Bull</i> Rev.—Rude Fire Altar; Trident to right.
6	Æ		<i>Sita and Bull</i> Rev.—Rude Fire Altar, with an attendant on each side
7	R	65	From Baroda and Malwa, common, called <i>Gadia</i> Rude Head of King to right, with numerous dots and other indescribable marks Rude Fire Altar or Throne (<i>Gadi</i>), with symbols of Sun and Moon.
8	Æ	66	Similar types as on No 7, common; in Malwa, Gujarat, and Rajputana
9	Æ		<i>Prinsep's Antiquities</i> , by E. Thomas. [Pl. XXVII 19] Obv.— <i>Hasa</i> or <i>Hansa</i> , with <i>S</i> ho below Rev.— <i>Sri</i> , with ornamental lines and dots
10	R	65	Author, Rajputana, unique Rude head to right Rev.— <i>Sri Somala Dera</i>]
11	Æ	83	Author, Rajputana, in 3 sizes of 65, 83 and 17 grains Rude Horseman to right, copied from Kabul Brahman coins Rev.— <i>Sri Somala Dera</i>
12	Æ	29	Author, Rajputana, unique Horseman galloping to left. <i>Sri Somala Dera</i>
13	R		Dr. Hoernle, from Marwar, British Museum Rude Head of King to right, copied from Sasanian coins Rev.—Rude copy of Fire Altar and two attendants, with symbols of Sun and Moon
14	R	57	Author, duplicate Mr. Theobald, Rajputana; common See E. Thomas [Pl. XXXIII. 7, 8]

No	PLATE VI Metal	Grs.	
			<i>Rude Head of King to right, Indian Sri over head, and Ha before face perhaps for Haishi Rev —Rude Fire Altar with two attendants</i>
15	Æ	65	Mr Theobald, a plated coin <i>Rude Head of King to right before face, Indian Sri Ha (one letter lost) Rev —Rude Fire Altar, with two attendants</i>
16	AR	62	Author, duplicate Mr Theobald common, but seldom good <i>Rude Head of King to right before face Sri, below, Varaha Rev —Indian letter M in middle in place of Fire Altar One attendant on each side</i>
17	AR		Author, found in the ruins of Monastery at Ghostrawa, in Magadha (<i>Arch. Survey</i> , v. Pl XLIII 1, 2) Legend in middle of obverse instead of King's head, Sri Ha [graha] <i>Rev —Fire Altar with two attendant priests</i>
18	A	18.5	Author Obverse, Sri Reverse, Siayre
19	AR		Mr Theobald, and a duplicate Head with the letter Ja in front of face Rude Fire Altar with attendants
20	AR	62	Author, common in Rajputana and N. India Figure of the Varaha Avatar of Vishnu to right with left leg raised, below, a small lion, to right, a sun symbol, behind, a trident. <i>Rev —Legend in 2 lines, Sri mālāli Varaha, with traces of two attendants to right and left, and remains of Fire Altar below</i>
21	AR		The Adi Varaha coins completed from several examples. The coins are usually very small and imperfect
22	Æ	16	Author, very thin light coin Hors man to right Prostrate man lying on his stomach, above Sri Lieti

KAMARA



VENKA DEVA



SAMANTA DEVA



KHAMARAYAKA



ASATA PALA



MAHMUD



No	PLATE VI	Metal	Grs
23		Æ	19

Author, very thin light coin, apparently double struck
 Horseman to right, a second horseman appears behind
 Prostrate man lying on his stomach, above,
Sri Triru

The legend on these coins is probably intended for *Sri Trirukrama*, a well known title of Vishnu, referring to the three steps or paces which he made in the "Dwarp Acatara"

VII—GANDHĀRA AND PĀNJĀB

The main source of our knowledge of the Brahman kings of Kabul is *Alberuni*, who came to India with Mahmud only a century after their rule had come to an end. Some additional information can be gleaned from his copyists, and still more from the numerous coins of the kings, which are still found in great numbers in the Kabul valley, in the Punjab, and all over North India. After mentioning the great Kushān King, Kanik (or Kamishka), who built the *Vihāra* of Purushāwar, he adds, "The last king of this race was *Kitorman*,⁵⁰ and his Vazir was *Kallai*, a Brahman." The latter had been fortunate in finding a hidden treasure, which gave him much influence and power. The Vazir imprisoned the Raja and seized the throne. "After him ruled the Brahman kings, *Samand*, *Kamalu*, *Bhim*, *Jaipāl*, *Anandpāl*, *Tarajanpāl*. The latter was killed A.H. 412 (A.D. 1021), and his son *Bhīmpāl* five years later (A.D. 1026)."

* M. Sachan, n., p. 19, gives the name as *Lagatorman*, but E. Thomas has shown that both Arabic and Persian copies which he consulted read *Kitorman*.

In this account it will be observed that the early kings are called *Dera*, while all the last four kings are called *Pâla*. Now it is remarkable that while we have coins of the first four kings, we have not found even a single specimen of any one of the last four. My inference is that these last four princes were of a different family. They are in fact always called *Shâhî* by *Alberuni* himself, as well as by others. Their territories extended "from Kashmir to Multan and from Sarhind to Lamghan,"²¹ and we learn from *Masudi* (who died A H 345 = A D 956) that the king of Kandahar (Gandbara) is called *Hâhaj*, which name is common to all sovereigns of that country,²² and he further adds that Kandahar is called the country of the *Rajput*. I conclude, therefore, that *Jaypâl*, who was the contemporary of *Masudi*, must have been a *Rajput*, and not a *Brahman*, and further, that he may have been a *Janyûha* (*Jajab*) *Rajput*, which tribe was at that very time in possession of the hill country between the Indus and Jhelam. According to *Ferishta*, also, *Jaypâl* was the son of *Ishtpal* (or *Asatpal*).

Alberuni further says that "this Hindu *Shâhî* dynasty is now extinct (after the deaths of *Trilochan Pâl* and *Bhûm Pâl*)," and that "the pedigree of this royal family written on silk exists in the fortress Nagarkot (Kangra), which belonged to *Trilochanpâl*." I conclude, therefore, that after the death of the *Brahman* king *Bhûmpâl* the *Rajput* *Jaypâl*, son of *Asatpal*, had regnined the throne of his ancestors, the *Siâhiya* dynasty. I note that *Anandpal* is called *Shâhî* by *Alberuni* (i 136), and that *Trilochan Pâl*, the opponent of *Mahmud* is always spoken of as "the *Shâhî*" in the *Râja Tâmangî*. I think that I can

²¹ Briggs's *Ferishta* i 15

²² H M Elliot i 22

trace this family a few generations farther back by their title of *Shah*, as I make a guess that they may have belonged to the dynasty of Little Kushans, or *Shah Kitors*, who were driven out by the Brahman Kallar. Thus I find in the *Raja Tarangini* a chief named *Lalliya Shah* was deposed by Gopala Varma of Kashmir about A.D. 902, who set up his son *Tomarana Shahi* in his father's place. If we place *Asatpal*, the father of Jaypal, in A.D. 925, Jaypal himself will succeed naturally about 950 A.D. The enthronement of Jaypal would thus have been a simple restoration of the Little Kushans or *Shah Kitors* to their old kingdom.

There is some difficulty in arranging the dates of these two lines of kings, the *Brahmans* and the *Shahis*. The following facts are our only guides —

I.—*Kanik*, the last of the Kitorman kings, was dethroned by his Vazir, the Brahman Kallar, but after some time *Kanik* regained his throne.

II.—After *Kanik*'s death the Brahman *Simand* became king.

III.—*Fakub Sofuri*, A.D. 878—878, took Kabul, and struck coins at Panjshir, in A.H. 260 261, A.D. 878—874.

IV.—*Amru Sofuri* A.D. 878—900 took *Kamalu* (or *Kalmu*) prisoner [H. M. Elliot, II. 423, from *Jami al-Hikayat*].

The author was a gossiping story teller who wrote as late as the thirteenth century. I doubt his accuracy, and prefer the authority of Alberuni, who was in India early in the eleventh century.

V.—Silver coin of bull and horseman type, Al Muktadir Billah A.D. 907—932, outline figure.

VI.—Copper coin of Al Mutaki Billah A.D. 940—944, outline figures.

VII.—Masudi, about A.H. 932—A.D. 943, died A.D. 956, calls the king a Rajput.

There is a difficulty also about the names of some of the kings, which ought to agree with those of the coins.

absence of any coins of the Shâhis would seem to show some great revolution. Ferishta calls Jaypâl the son of *Ishtpâl*, who may perhaps be the *Asat Pâl* of some rare coins of the Bull and Horseman type, which I have given in Plate VII., figs. 19—20. I hazard a guess that Asat-pal may have been a son of *Tomardna Shâhi*, and the grandson of *Lâlliya Shâhi*, of whom the author of the *Raja Tarangî* says that he was "among kings even as the sun is among stars."

I have placed the probable accession of *Jaypâl* as early as 950 A.D. because I find that the Shâhi of Kabul had a grown-up son, between 964 and 973, who accompanied the rebel *Lâlik*, and was deserted by *Sibuktigin* at Charkh, in the Lohgarh Valley, between Kabul and Ghazni.²⁸ But the Shâhi king is mentioned at a still earlier date in the *Raja Tarangî*, in which it is stated that *Diddâ Râni*'s mother was a Shâhi princess (vi. 177). Now *Diddâ Râni* became the Queen of *Kshema Gupta* not later than A.D. 951; and if we place her birth not later than A.D. 935, and her mother's birth not later than 920 A.D., her grandfather, the *Shâhi King*, must be placed at least as early as A.D. 920, during the time of the Brahman king *Sûmantra Dcîa*. But though the line of Shâhi princes still adhered to their ancient title, their former power was not recovered until the time of *Jaypâl*. This is distinctly shown by the *Jhûsi* copper plate inscription of *Trilochan Pâl*, which recounts his genealogy from *Vijaya Pâla*, omitting all earlier ancestors.²⁹ The title of Shâhi is not given, but all three kings take the high-sounding titles of

Parama Bhâttârala, Mahârâjâdhirâja, Paramesicara

Jayapal probably at first held Kabul, but in A.D. 977 he encountered Sabuktigin at Lamghān, and in A.D. 1000 he fought with Mahmud near Peshawar, or more correctly near his capital of *Wehān*, now called Ohind, on the Indus above Attak. He died a voluntary death in 1002, and was succeeded by his son, Anand Pal, who was defeated by Mahmud in 1008 A.D. As the Muhammadans advanced the Indians retired. At first they occupied *Bhuā*, on the Jhelam, but being driven out in 1004, they retired to the northern mountains. Trilochan Pāl succeeded in A.D. 1014, and in 1018 he was defeated by Mahmud on the banks of the Taushī or Toli River (*Raja Tarangini*, vii, 50). Troyer, in his translation, reads *Taushī* as the name of the month in which the battle was fought, but as there are no less than three streams of this name in the North Punjab—first near Punach, second near Rajaori, third near Jammu—I accept the native translator's opinion that it is a river. Trilochan retired after his defeat to Hastikām (*Raja Tarangini*, vii, 60). He continued to retreat to India and was again defeated by Mahmud on the banks of the *Rahib*. His son Bhūmpāl was betrothed to the daughter of Chād Rai of *Sīāra*, "one of the greatest men in Hind" according to Utbi.³⁹ Here we lose sight of him, but the Jhusi inscription informs us that he was still alive in A.D. 1027.

The royal family of the Shāhis continued to flourish for several hundred years, and gave many queens to Kashmir. The two Queens of Harsha, A.D. 1089—1100, were Shahi princesses.

BRĀHMANS and RĀJPUT SHĀHIS.

BRĀHMANS.			SHĀHIS.	
860	Venka		870	Lalhuya Shāhi
870	.. Yakub Sofārī con- quers Kabul			
878	.. strikes coins at Panj- shir			
875	Kallar, Brahman, or <i>Spalapati Deva</i>		883	Lalliya Shāhi, de- throned by Sang- kara Varma
895	Venka restored			
900	Sumanta Deva		902	Tomarāna Shāhi, placed on throne by Gopālī Varma
			930	Isht-pal (Asipāl), recorded father of
910	Kamlua			
945	Bhīma Deva			
RĀJPUTS.				
950	Jay Pāl, Shāhi. 964 —973. His son de- feated by Sabuktigin			Vijaya Pāl Deva (Jhusi Copper Plate)
1002	Anand Pāl Shāhi			Ananda Pāla Deva
1012	Trīlochan Pāl Shāhi			Trīlochana Pāla Deva
1021	Bhim Pāl Shāhi			
1026	Recorded end of Shā- hiya dynasty		1027	Trīlochan—still alive v.s. 1084 = A.D. 1027

GANDHARA AND PANJAB.

PLATE VII.				KAMARA.
No.	Metal	Grm.		
1	Æ	80 3	British Museum. Sir Clive Bayley; (Num. Chron., 1882) an early coin; before Venka Deva (?) 850 A.D.	
			Peacock with outspread wings to left. Lion to left; Indian Legend, Sri Kamaṇa	
2	Æ	52	VENKA-DEVA, A.D. 860. Author; also of middle size, 42 grains, and of small size, 18 grains.	

No	PLATE VII Metal	Gr's	
			<i>Elephant walking to left Legend Sri Venka Deva</i>
			<i>Lion to right, tail over back</i>
3	Æ		N B — Single letters are found on some coins below the Lion, as D, Pi, R, V
			VENKA DEVA—RESTORED (?) A.D. 895
4	Æ	19	<i>Author, unique</i> <i>Humped Bull, Sri Ve</i> <i>Horseman</i>
			N B — As these are the types of Spalapati's coins, I venture to assign the coin to the second reign of Venka Deva.
			SPALAPATI DEVA, A.D. 875
5	Æ	54	<i>Author</i> <i>Recumbent humped Bull to left, with trisul of Siva on flank, and ornamental cloth covering over body Legend, Sri Spalapati Deva</i>
			<i>Horseman to right, with long lance in right hand and left hand before face, holding some indistinct object Legend in unknown characters to right</i> Single Indian letters occur on the reverse to the upper left, as A, Gu, K, perhaps the initials of Mint cities
6	Æ		<i>Author</i> These specimens present various readings of the unknown legends on the reverse
7	Æ		Nos 8 and 9 seem to be of rather later date the figures approaching the outline representations like those of the coins of the later kings
8	Æ		
9	Æ		
—	Æ		I reject all the readings of dates, as proposed by E Thomas and Clive Bayley. There are two distinctly different legends, neither of which has yet been read. One is shown on Figs 5, 6, 7, the other on Fig 8. Fig 9 is the same as that in Simanta Deva's coins
—	Æ		All the copper coins of Spalapati are of the same type as his silver coins. They are of the same size, and were apparently struck from the same dies

PLATE VII.			SÂMANTA DEVA, A.D. 900	
No.	Metal	Gr.	Author,	very common Six good coins, average 50 grains Recumbent humped Bull in outline to left Legend, <i>Sri Samanta Deva</i>
10	Æ	50		Horseman to right, with long lance in right hand and left hand raised before face, holding some indistinct object Three letters or figures to right To left, the Indian letter <i>Bhi</i> , perhaps for Bhira
11	Æ	33	Author	Com of small size, rare Only six specimens average 33 3 grains Recumbent humped Bull to left, with <i>trisul</i> of Siva on flank, <i>Sri Samanta Deva</i>
				Horseman to right with long lance Plume on horse's head Three letters or figures to right
				N B.—These coins are smaller and their types are also smaller than No 10
12	Æ	40	Author, common	Types of elephant and lion, as on Venka Deva's coins Coins of three sizes, weighing about 42, 14, and 7 grains
13	Æ	12	Author, common	
—	Æ	5 1	Author, common	
14	Æ	52	Author, very common in Punjab and N India Thick coins	
				Recumbent Bull and Horseman types, <i>Sri Samanta Deva</i>
				KHAMARAYAKA (?) Kamalur A.D. 940
15	Æ	46	Author	Rare, average of seven coins, 46 grains
16	Æ	46		Recumbent humped Bull to left, <i>Sri Khama rayakah</i>
				Horseman with lance to right Three letters or figures to right unread
				In field to left on different coins, the single letters A, K, <i>Bhi</i> , M
				Bhima Deva, A.D. 945
17	Æ	50	Author, very rare	Recumbent humped Bull to left <i>Sri Bhima Deva</i>

PLATE VII.

No.	Metal	Gr.	Description
18	Æ	24	<i>Horseman to right with lance Three unknown letters or figures to right To left, the single letter N</i> <i>Author, unique</i> <i>Elephant to left Sri Bhima Dera</i> <i>Lion to right, as on coins of Venka and Samanta</i>
19	Æ	48	<i>Author, very rare Only five specimens</i> <i>Recumbent humped Bull to left Sri Asata Pala</i> <i>Horseman to right</i>
20	Æ	48	<i>Similar types, but legend, Sri Asata ra</i>

No coins have yet been found of the *Shahi* *Avgs Jayapala*, *Ananda Pala* and *Trilochana Pala*, but the Bull and Horseman types were continued by the Ghaznivido conquerors, of whom a specimen may be seen in Sir Clive Bayley's Plate, fig. 22, with the name of *Musaud* above the horseman, and the name of *Sri Simnata Dera* above the Bull on the other side. I possess other coins of the same kind of *Modud* and *Terokhzid*. But the most interesting coins of the transition period are the dirhems of *Mahmud* himself, which were struck at *Lahor*, with a translation of the *Muhammadan Kalimah* in Sanskrit. A specimen of this coin was first made known by E. Thomas. I have possessed only four specimens of this rare coin, one of which I will now describe.

MAHMUD OF GHAZNI, A.D. 1027

21	AR	45	Sanskrit legend in middle of coin	<i>Abjakt uti eka</i> <i>Muhan mal A</i> <i>utattra Aripa</i> <i>ti Maha ul</i>	The one Eter nal Muhamed the Mes senger King <i>Mahmud</i>
----	----	----	-----------------------------------	--	---

Circular legend, *tyani tari kam Mal mudpur*
itite Hyrijena Smriti 118 ' This

No	Metal	Gra	PLATE VII
			tanha (was struck) at Mahmudpur in the Hijra year 418 (= A.D. 1027)
E			Thomas has read the latter half of the circular legend differently, thus <i>ghate tata jukiyera Samiati 418</i> Mahmu ^l ur is a correction of Alberani's Mandahukur 'the capital of Lohawar, E of the River Irawa [Sachu I, 206]

The horseman on these coins is caparisoned after the fashion that prevailed in the East in mediaeval times. I have seen numerous pictures of Eastern kings from Mahmud of Ghazni down to Muhammad Ghori, commonly known as Muhammad bin Sâm, and one of the latter king now lies before me. He is represented on horseback going to the right as on these Hindu coins, and carrying a lance in his right hand with a pennon floating from the top. His left arm is raised in front of his face, and apparently holds out a small buckle. It certainly does not hold the bridle rein, which is seemingly connected with the pommel of the saddle, as on the coins. It is this raised arm that on the later coins has been taken for the letter *lám*, ل of the Arabic *adl*, ادل, the letters *ad* being actually the initial letters of the legend in unknown characters. The king wears long jack boots, and a helmet with crest, and a back-piece covering the neck. He has also a sword fastened to his waist, and a quiver of arrows at his back. The rider's legs and the horse's flanks are protected by *chamis*, or tails of the Tibetan long-haired ox. But none of these latter equipments are found on the coins.

The types of the humped bull and horseman were at once adopted by the kings of Ghazni until their extinction, and were afterwards continued by Muhammad bin Sâm and his successors in Ghazni and Delhi down to the

DAHALOR W CHEDI



MAHAKOSALA OR E CHEDI



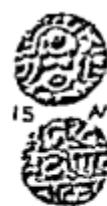
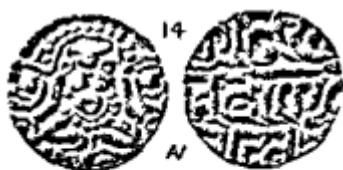
KIRTTI VARMA



JEJAKABHUKTI OR JEJAHUTI



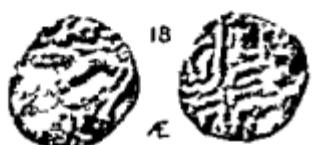
HALLAKSHANA VARMA



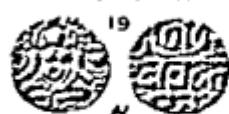
JAYA VARMA



PRITHVI VARMA



MADANA VARMA DEVA



time of Balban, A.D. 1265, of whom I possessed a single coin with the horseman on one side. But though the type was disused at Delhi, it was continued on the coinage of the petty Rajas of Kangra down to the time of Triloka Chandra a contemporary of Jahangir in A.D. 1620. Altogether, therefore, it continued in use for the long period of upwards of seven hundred and fifty years.

But the Indo Scythian types of the standing Raja and the seated goddess Lakshmi, which were introduced by Kanishka in A.D. 79, lasted for a much longer period, having been continued on the coinage of Kashmir down to the Muhammadan conquest in A.D. 1339, or for twelve hundred and forty years.

VIII.—CHEDIS OF DAHAL AND MAHA-KOSALA

The *Chedis*, or *Haihayas*, of Central India claimed descent from Sahusra-Arjuna, or Kārtavīrya, through Huhaya, a descendant of Yadu, the progenitor of the Yadavas. The Chedis are mentioned in the *Mahābhārata* with their chief city of Manipura, which was the capital of Chitrāngada, whose daughter Chitrāngadā became the mother of Babhruvāhana—by Arjuna Pandava. Manipura is popularly believed to have been in *Maṭa Kosala*, or *E Chedi*, the present district of Chatisgarh and Raipur, in the Central Provinces. The province includes all the country watered by the Mahanadi River and its tributaries. But the capital of the *Haihaya* king *Kārtavīrya* was Mahishmati, on the Narbadā, in *W Chedi*, or *Dīlāl*. It apparently included all the country watered by the Upper Narbadā and its tributaries.

In all the inscriptions of *Mahī Kosala* the rulers are

styled *Chedi-narendra*, *Chedindra*, or *Chediswara*, or "Ruler of the Chedis"⁴⁰ But from an early date they had spread over the province of *Jejahuti*, on the Ken and Betwa Rivers, and at a later period they occupied the country on the Tamasa, or Tons River, now known as Bāghelkhand. After their conquest of *Jejāhuti*, with its strong fortress of Kālanjar, they proudly styled their rulers *Kalanjaradhipati*, or "lords of Kālanjar"—a title which both branches claimed in their inscriptions down to the latest times. They also founded an era of their own, called the *Chedi Samvat*, or the *Kulachuri Samvat*. As this era dates from A.D. 249, I infer that their occupation of Kālanjar must have been the occasion on which it was founded. Both branches of the family used it down to their fall.

The kingdom of *Dahal*, or *W Chedi*, as known in his torical times, had for its capital Tripura, now Tewar, on the Narbadā, a few miles to the west of Jabalpur. It is mentioned by Varāha Mihira in the *Brihat Sanhita*, A.D. 550. This country, with its capital and its reigning king, are all mentioned by Alberuni⁴¹ "Dahala," he says, "is a country the capital of which is *Tauri* (Tripuri), and the ruler of which is now *Gangeya*." This was the king who first introduced the coins shown in Plate VIII, which were afterwards copied by the *Chandella* Rajas of Mahoba, the Rahtors of Kanauj, and even by Muhammad bin Sām, the conqueror of Delhi. But, strange to say, not one of his successors imitated his example, and his coins in gold, silver, and copper still remain the only specimens of the money of the powerful *Chedi* kings of

⁴⁰ *Archaeol Survey*, xxii 71.

⁴¹ Sachau's Alberuni, i 202, Reinand *Fragments*, pp. 85—106, gives the names as *Dhal*, *Tipuri* and *Ganges*.

Dāhal They are, however, rather numerous, and their issue may have been sufficient for the wants of the country.

At some early date a third branch of the Kulachuri clan found its way to the south to the banks of the Godāveri River, where they appear to have reigned previous to the establishment of the Chalukya kings of Kalvān.

In the Year inscription the Chalukyas are designated as the destroyers of the authority of the Rashtrakutas and the Kalachurias⁴² Mangalisa Chalukya, who reigned from A.D. 530 to 550, is specially mentioned as having ravished the power of the Kalachuris like a thunderbolt. At last, in A.D. 1153, Bījala Deva *Kulachuri*, the commander-in-chief, expelled the Chalukya Raja, Tailapa Deva, who retired to Banawāsi. Bījala then assumed the title of *Maharajadhipa* and *Kalanjaradhipati*, thus proving that he belonged to the same clan as the Kalachuris of Dāhala and Mahakosala.

The dates of the inscriptions of the two northern branches is always recorded in their own era, which is called indifferently either the *Chedi Samrat* or the *Kulachuri Samrat*, which I have shown to have been established in A.D. 249. I conclude therefore, with some confidence, that their power must have been consolidated at that date. But we have no detailed lists of their kings that reach up to so early a date. There are local chronicles of the Haibaya kings of Mahakosala of Ratanpur, but I do not think that they are trustworthy until mediæval times, when they can be corroborated by existing inscriptions. But there is good evidence regarding the Rajas of *Dāhala*,

⁴² Walter Elliot, *Madras Soc. Journal*, iv. 39

or *W Chedi* from the time of *Kokalla I*, from whom the detailed genealogy is given both in the Benares and the Bilbari inscriptions, and who is said to have warred with Bhoja Deva, a Raja of the West. I take this *Bhoja Deta* to be the king whose inscriptions have been found at Gwalior, at Deogarh, and at Pehewa, with dates A.D. 862, 875, 882. The same date may be derived from the fact that *Krishna Raja Rāshtrakuta* is recorded to have married *Mahadevi*, the daughter of *Kokalla*.⁴³ The date deduced for *Krishna Raja* is A.D. 870-890.

Of *Lalshmana Raja*, the third in descent from *Kokalla*, it is recorded that his daughter *Vouta Devi* married the Chalukya king *Vikramaditya IV*, who died in A.D. 973.

Of *Kokalla II*, we learn that he was a great warrior, which is confirmed by the fact that there is an inscription bearing his name at *Khajuraho*, one of the great cities of the Chandellas.

Of *Gānggeya Deva*, I have already quoted Alberuni's statement that he was the reigning king of Dāhāl in A.D. 1030.

Raja Karna Dahariya He was contemporary with *Kirtti Varma*, the Chandella Raja of Jejāhuti, who reigned from A.D. 1065 to 1100. The Chedis have now nearly disappeared, but during the height of their power they formed alliances with the chief Rajput families of pure blood. Thus Alhanā Devi, the daughter of Vijayah Singh of Mewar, married Raja Gaya Karna of Chedi (A.D. 1115 to 1151), and Someswara Chauhan, Raja of Ajmer, went to Tripura, the capital of the Chedi King of Dāhal, where he married Kārpura Devi, the Raja's daughter, and by her became the father of the famous *Prithvi Raja*.

The following list of the Rajas of Dahal, or W Chedi, is compiled from the inscriptions and other sources.

LULACHURIS OF DAHAL, OR W CHEDI

Chedi Era	A.D.	
	249	Establishment of Era.
271	520	Sāṅkaragana of Chedi
301	550	Buddha, his son, defeated by Mangalisa Chālukya
431	680	Haihayas defeated by Vinayāditya Chālukya
481	730	Haihayā Princess, married Vikramāditya Chālukya
626	875	KOKALLA I, contemporary of Bhoja Deva of Kanauj
651	900	Mugdhatunga
676	925	Yuva Raja Deva.
691	940	Lakshmanī, made Lakshmana Sagar at Bilhar.
716	965	Yuva Raja Deva, contemporary of Vikpati
731	980	KOKALLA II Inscription at Khajuraho
746	1005	GĀNGGFYA DEVA, contemporary of Mahāmud, A.D. 1030
786	1035	KARNA DEVA, c.s. 793 = 1042 A.D.
821	1070	Yasah Karna Deva
836	1105	Gaya Kurna Deva, c.s. 902 = 1151 A.D.
902	1151	Nara Sinha Deva, c.s. 907, 909, 926 928
930	1179	Jaya Sinha Deva [brother]
932	1181	Viṣaya Sinha Deva c.s. 932 = 1181 A.D.

COINS OF THE KULACHURIS OF DĀHAL OR
W. CHEDI.

PLATE VIII

No.	Metal	Gr.	Ganggeya-Deva
1	<i>N</i>	62	Author, common. See Prinsep's <i>Antiquities</i> , 1. PI. XXIV. 1, 2, 3
			Seated figure of the goddess <i>Parvati</i> , with four arms, holding up a flower in her upraised right hand, legs crossed, and a nimbus round the head
			Sanskrit inscription in three lines, <i>Srimad Ganggeya Deva</i>
2	<i>N</i>	80	Author, unique Same type and same legend as No. 1
3	<i>N</i>	14	Author, unique Same type and same legend as No. 1.
4	<i>R</i>	61	Author, 9 specimens Same type and same legend as No. 1.
5	<i>R</i>	7	Author, unique. Same type and same legend as No. 1.
—	<i>ZL</i>	61	Author, 6 specimens Same type and same legend as No. 1.

These are the only coins yet found of the Kulachuris of Dāhal or W. CHEDI. It is very curious that though none of Ganggeya's successors continued the coinage, yet it was imitated by the Chandellas of Jejahuti, by the Tomars of Delhi, and by the Rāhtors of Kanauj. This abstinence on the part of his successors is the more remarkable, as the suite of coins described above seems to form a perfect monetary system in all three metals and of different values that must have been very useful and convenient. The type of the goddess *Parvati*, as we see on the seal of Karna Deva, was the special symbol or cognisance of the Kalachuris of Dāhal. On the seal the goddess with four arms is represented with an Elephant on each side anointing her, and accompanied by a Bull. Sometimes the Bull was represented alone on the standard as the *Surarna-trishabha-dhucaya*, "the golden-bull-standard." But there is no trace of the Bull on the coins

KULACHURIS OF MAHĀKOSALA, OR E CHEDI

The *Haihaya* Kingdom of *Mahākosala*, or *E Chedi*, comprised all the country of the head-waters of the Mahanadī River and its tributaries. It is noticed by the Chinese pilgrim, Hwen Thsang, in the seventh century, when its King was a Kshatriya named *Satavahana*. But there is no name like this in the lists of the *Haihaya* rāmsi Rajahs of Ratanpur and Raypur. The Chronicles can only be accepted when they agree with the information which is found in the inscriptions. Ratanpur is the earliest capital mentioned in the inscriptions. But the chief cities of the country of the Mahanadī, which I have myself visited, are certainly *Rajim*, *Sirpur*, and *Seorāndhī-rayan*, all on the Mahanadī. At these three places there are many magnificent temples and ancient inscriptions to attest the former power and wealth of the rulers of the country.

Something like real history appears to begin with *Sura Deva* of the Chronicles, who is said to have conquered Telengana. His date is given as about A.D. 749, but as all the dates of his successors are recorded in the *Chedi era*, his true date will be about $749 + 249 = 998$ A.D. or 1000. The earliest inscription that I have seen is dated in c.s. 866, or A.D. 1115. In it I find mention of Sri Kārtavīrya, *Haihaya*, Sri Kokalla Chediswara Ratna Rāja, Prithvi Deva, Jājalla Deva (See Kielhorn, *Epi-*
graphische Indien, i. p. 33.)

A second inscription dated in Samvat 1207, or A.D. 1150, gives the names of Jājalla Deva Chediarendra, Ratna Deva Prithvi Deva

Two other inscriptions give Prithvi Deva Chedikula, and the later dates of A.D. 1159 and 1168

Comparing these names with those recorded in the native Chronicles I make out the following list of the—

RAJAS OF MAHAKOSALA OR E CHEDI

A.D.	Inscriptions.	Chronicles.
1000	Kokalla [? Kokalla II]	Sura Deva
1030	Ratna Deva	Prithvi Deva
1060	Prithvi Deva	Brahma Deva
1090	Jajalla Deva, A.D. 1115	Rudra Deva
1120	Ratna Deva	Jajalla Deva
1140	Prithvi Deva A.D. 1115 1168	Ratna Deva Vira Sinha Deva Ratna Sinha Deva

Up to the present year the only known coins of Mahâ-kosala or E Chedi were those of Prithvi Deva, and they were as I believe, known to myself alone. It is true that E Thomas has twice referred to some gold coins of Prithvi Deva, but both times he has ingeniously avoided to describe the obverse.

In his first accounts (*Prinsep's Essays*, 1 395) he says that when he mentioned the coins of Prithvi Deva, in vol 1, p 292, he had overlooked the fact that Prinsep had read the name of Prithvi Deva. But the name which Prinsep read was on a "unique copper coin of Cunningham's," and not on a gold coin which Thomas describes as "sufficiently common, hitherto unpublished."

Again, in his Pathân kings, p 19, he refers to the gold coin in the following terms

Gold—Prinsep's Essays, 1 292, common
Obverse—As usual (?) "Srimat Prithvi Deva"

In both instances he carefully avoids any description of the obverse, except by the strange and mysterious words "as usual." But what did he mean by *as usual*? Did he mean the seated goddess?

The fact is he was writing from memory of what I had

told him, and had not actually seen the coins which I had seen in the British Museum—six specimens in gold of *Srimat Prithvi Deva*. I had never seen even one gold specimen before, and I now believe that Thomas was inaccurate in his description of them as common. To my knowledge these six coins in the British Museum were the only known *gold* specimens of Prithvi Deva until the present year, when Dr Hoernle has described a seventh.

I have entered into this explanation because Dr Hoernle has been misled by Thomas, whose account he quotes⁴⁴ as "Prithvi Deva *gold* coins are sufficiently common." On the contrary, the *gold* coins of Prithvi Deva are very rare, and his copper coins still rarer, the only specimens of the latter known to me being two coins in my own collection. On these two copper coins the figure of the obverse is Hanuman with four arms, which is accurately described by James Prinsep (E. Thomas, 1, p. 395) as "the four handed god crushing a demon." But this is certainly not the type of the six *gold* coins in the British Museum, of which the casts are now lying before me. From Dr Hoernle's description of the obverse of the seventh *gold* coin (found this year in the Central Provinces) I gather that he takes the obverse figure to be Hanumān. His words are "the figure (of Hanumān) is fairly distinct on the *gold* coin." I conjecture that he has adopted this opinion from Prinsep's etching of my copper coin, for I cannot make out any trace of Hanuman on any of the six coins in the British Museum. In fact, I have not been able to make out any definite figure amongst the confusion of shapeless objects on these coins.⁴⁵ I consider

⁴⁴ *Proceedings Bengal Asiatic Society*, April and May, 1893, p. 93.

⁴⁵ [This confused type may perhaps be intended to represent a lion facing r., rampant. The coins of Jagat Dev and Ratna

that Thomas's description of "as usual" refers to the "seated goddess"

COINS OF THE KULACHURIS OF MAHAKOSALA OR E CHEDI

PLATE VIII			PRITHVI DEVA A.D 1060—1090
No 6	Metal N	Gras. 59 5	British Museum 6 specimens from Payne Knight's collection A number of confused shapeless objects, surrounded by a circle of dots Indian inscription in two lines of large letters, <i>Srimat Prithvi Deva</i>
7	AE	84	Author, unique obtained in 1885 Four armed male figure, holding different indistinct objects in his hands Indian inscription, same as on the gold coin
8	AE	107	Author unique, obtained in 1885 Four armed figure of Hanuman with right foot trampling on a prostrate figure Indian inscription, same as on the gold coin
			JAJALLA DEVA, A.D 1090—1120
9	AE	57 5	Indian Museum Calcutta, found in 1893 Large coins, 9 (<i>Brit Mus</i>) Very crude figure of Hanuman [Dr. Hoernle] Indian inscription, <i>Srimat Jajalla Deva</i>
10	AE	14	Indian Museum, 17 specimens, small, same type as last (<i>Brit Mus</i>)
			RATNA DEVA, A.D 1120—1140
11	AE	14	Indian Museum, 29 specimens, all small (<i>Brit Mus</i>) Very crude figure of Hanuman [Dr. Hoernle] Indian inscription, <i>Srimat Ratna Deva</i>

CHANDELLAS OF JEYAHUTI OR MAHOBIA

Jejahuti, or *Jejakabhukti*, the territory of the Chandellas, is also known by the name of its capital city of *Mahoba* or

Deva figured in the plate have recently been presented to the British Museum by the Government of India, through the Asiatic Society of Bengal — L. J. R.]

Mahotsava It comprised all the country lying between the Jumna on the north and the sources of the Kîvân or Ken River on the south, and from the Dhaśân River on the west to the Vindhya Mountains on the east. The Ken River (or Karnavati) runs through the country from south to north, dividing it into two nearly equal portions, with the capital cities of Mahobi and Khajuraho in the western half, and the great forts of Kalanjar and Ajaygarh in the eastern half. Its area was upwards of 12,000 square miles. Its wealth may be judged by the magnificent group of temples still existing at Khajurâho, and its power may be judged by its conquest of Kanauj, and its defiance of Mahmud of Ghazni.

The popular traditions of the people as detailed in the Mahoba Khând derive their origin from Chandrama, or the Moon, by Hemâvati, the daughter of Hemraj, the family priest of the Raja of Benares. But this popular tradition receives no support from the inscriptions, which assign them to the Chandrîtreya line. In the two long inscriptions of Khajuraho the earliest name mentioned is that of Nannuka, six generations before *Dhangâ Dera*, whose date we know to be A.D. 953 to 999, and in Dhangâ's own copper plate the earliest name recorded is that of his own grandfather, Harsha Deva.

The chief facts in the history of the Chandels have been given in my Archaeological Survey Reports, but more particularly in my latest account in vol. xxi, in which I have recorded all the known inscriptions of the family, with a detailed list of the kings, and a summary of their history. The earliest coins are those of *Kîrtti Varma*, the antagonist of the Kalachuri *Karna Dera* of Chedi, to whom he was at one time tributary. His coins are of gold only, but of several of the later Princes there are both gold and copper coins. Only one silver coin has yet been found of

Jaya Varma The larger gold coins generally weigh upwards of sixty grains rising to sixty three, the smaller gold coins are of fifteen grains. The type is the same of all the gold coins. On the obverse the goddess Parvati seated, copied from the money of Gunggeya Deva of Chedi. The copper coins are of the same weights as the gold, sixty and fifteen grains, but their obverse type is a figure of Hanumān.

The larger gold coins are therefore golden *drammas*, and the smaller ones $\frac{1}{2}$ *drammas*.

CHANDILLAS OF JEJĀHUTI OR MAHOBĀ

No	Date V.Sam. A.D.	Names	Inscriptions
1	857	Naannula Deva	
2	882	Valkpati	
3		Vijaya	
4		Rihila	
5	900	Harsha Deva	
6	925	Yaśo Varma Deva	
7	1010	DHANG \ DEVA	s 1011—1055
8	1036	GANDA DEVA	s 1056
9	1082	Vilyālharā Deva	
10	1097	Vijaya Pāla Deva	
11	1107	Deva Varma Deva	s 1107
12	1120	Kirtti Varma Deva	s 1151
13	1155	Hallakshana Varma Deva	
14	1167	Jaya Varma Deva	s 1173
15	1177	Hallakshana Varma Deva	
16	1179	Prithvi Varma Deva	
17	1186	Madana Varma Deva	s 1186—1220
18	1222	Parvamedu Deva	s 1224
19	1268	Trailokya Varma Deva	s 1269—1297
20	1297	Vira Varma I	s 1312—1337
21	1339	Bhoja Varma	s 1345
22	1357	Vira Varma II	s 1372
30	1577	Kirat Singh [Kirtti]	

COINS OF THE CHANDELLAS OF JEJĀHUTI OR MAHOBĀ

No.	PLATE VIII	Metal	Gra.	Description
12	N	63		KIRTTI VARMMĀ, A.D. 1063—1097 Author, rare <i>Goddess Parvati</i> with four arms seated Indian legend in two lines, <i>Srimat Kirtti Varma Deva</i>
13	N	81		Author, same type and legend as No. 12
14	N	63		HALLAKSHANA VARMMĀ DEVA, 1097—1110, A.D. Author rare <i>Goddess Parvati</i> with four arms seated Indian legend, <i>Srimat Hallakshana Varma Deva</i>
15	N	15		Author, same type and legend as No. 14
16	Æ	61		Author, rare Hanuman under a canopy Indian legend as on No. 14
17	Æ	60		JAYA VARMMĀ DEVA, A.D. 1110—1120 Author, six specimens Hanuman as on No. 16 Indian legend <i>Srimat Jaya Varma Deva</i>
18	Æ	41		PRITHVI VARMMĀ DEVA, A.D. 1122—1129 Author Hanuman, as No. 16 Indian legend, <i>Srimat Prithvi Varma Deva</i>
19	N	61		MADANA VARMMĀ DEVA A.D. 1129—1165 Author <i>Goddess Parvati</i> , with four arms seated Indian legend, <i>Sriman Madana Varma Deva</i>
20	A	15		Author, same type and legend as No. 19
21	Æ	15		Author, a worn coin Hanuman, as before Indian legend as on No. 19
—	—	—	—	PAPAMARDI DEVA, A.D. 1165—1203 See Dr. Hoernle, <i>Journal Asiatic Society, Bengal</i> 1889, Plate IV

PLATE VIII			
No	Metal	Grs	
			Goddess Parvati, with four arms, seated. Indian legend, <i>Sri m</i> [not distinct] N.B.—I possess four copper coins which appear to bear the same legend, but I cannot read it satisfactorily,
—	N		<i>Sri mad Va</i> } <i>Sri mat Ke</i> <i>sara Matya</i> } or <i>sma Mahi</i> } — <i>Dera.</i>

VIRA VARSSMA I, A.D. 1210—1282
See Dr. Hoernle, in the same Journal
Goddess Parvati, with four arms, as before.
It dirn legend, *Srimad Vira Varssma Dera.*

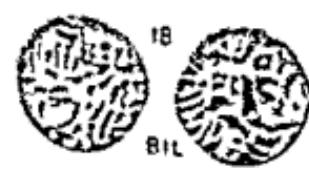
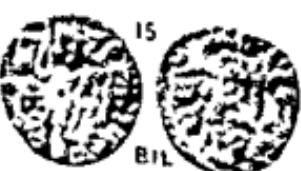
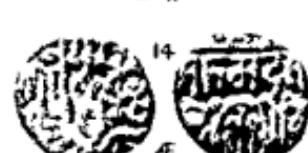
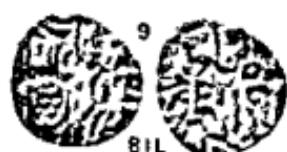
IX.—TOMARS OF DELHI AND KANAUJ.

According to the universally accepted tradition the city of *Indraprastha*, which had lain waste for seven hundred and ninety-two years, from the time of Vikramāditya, was resounding by Anang Pāl, a Tomara Rajput, and named *Delhi* (the *Delhi* of the present day), according to a legend which refers to the *Iron Pillar*.⁴⁵ The date is differently stated by some writers; but they only differ by a few years from Vikr. Samvat 792, or A.D. 735. But the kingdom of Delhi is not referred to by any of the early Muhammadan writers, and the first mention of it is during the campaigns of Muhammad Ibn Sām in the end of the twelfth century. Masudi, who travelled in the East in A.H. 332 = A.D. 943, does not notice Delhi; but he knows Kanauj, whose kings had the common title of *Borara* or *Porara*, which I take to represent *Torara* or *Tomara*, which was the family name of the kings of Delhi.

When Kanauj was captured by Mahmud of Ghazni in A.D. 1022, the reigning king, according to Utbi, was named *Rāj Pāl*, or *Rāyaipāl*, which I take to be Raja *Jaipāl*, who

⁴⁵ See *Archaeol. Survey*, 1. 171, where the legend is given at full length.

TOMARS



the Poet, who lived under Muhammed Khilji in A.D. 1300. Speaking of Anangpāl I, he calls him "a great Rai who lived five hundred or six hundred years ago, that is between A.D. 700 and 800."⁴⁷

I have already quoted the statement of Masudi (A.D. 930—948) that the reigning family of Kanauj were Povaras (read Tovaras). I may also quote the statement of Alberuni, that Kanauj was rendered famous by the *Pāndaras*, as Mathura was by Vāsu Deva.⁴⁸ Now as the *Tomaras* were *Pundaras*, while their immediate predecessors in Kanauj were *Raghurāsas*, and their immediate successors were *Rahtors*, the statements of Alberuni can only apply to the Tomaras who reigned between them. But when we find that the names of these Tomaras are absolutely identical with those of the rulers of Kanauj at that very time, and moreover are recorded in the same order, there can be little doubt of their identity. These names are—

Jaypal, reigning when Mahmud took Kanauj

Kunicarpal, placed on the throne as his successor

Anangpal II, founder of Lalkot, after loss of Kanauj

With these identifications the chain of evidence seems to be complete.

Of the *Raghuvansis*, *Bhoja Deva*, and his successors who call themselves kings of Mahodaya or Kanauj, I have already spoken. The last of these Princes of whom we have any record is *Devapāla*, whose latest date is A.D. 948. The earliest Tomara Raja of whom we have coins is *Salalshana-pāla*, whose date is A.D. 978.

The successors of the Tomars were the *Rahtors*, who, under their leader *Chandra Deva*, conquered Kanauj about A.D. 1050, or perhaps a few years later, as *Anangpāl II*

⁴⁷ H. M. Elliot, iii. 565

⁴⁸ Sachau's *Alberuni* i. 199, Rashid ud din says the same
H. M. Elliot, i. 54

is said to have founded Lâlkot at Delhi in A.D. 1060. There are no coins or inscriptions of the conqueror Chandra Deva, but we have an inscription of his son Madana Pâla, dated in s. 1154 or A.D. 1097, and an inscription of his grandson Govinda Chandra Deva, dated in s. 1177 or A.D. 1120, when he was a young man; and from these I calculate that Madana Pâl's accession may be assigned to A.D. 1080, and Chandra Deva's accession about A.D. 1050, allowing twenty-five years to each generation. This would place the conquest of Kanauj by the Rahtors soon after A.D. 1050.

Of the *Chauhâns* we have got the only trustworthy account from their inscriptions. The *Prithvi Raj Rûsau* is a forgery, as shown by Dr. Buhler,⁴⁹ and Tod's list and the Bardic chronicles, which were derived from *Chand*, are consequently worthless. Dr. Buhler quotes the two inscriptions of v.s. 1030 and v.s. 1225, and the *Prithvirâja-Vijaya*, written by a Kashmiri Pundit, as giving the true genealogy. To these I may add my own Madanpur inscription, which gives both the genealogy and the date of the conquest of *Jejâlabhukti*, or *Jejâhuti*, in a few lines⁵⁰

*Aum ! Aruno-rajasya pautrena Sri
Somesvarasununa Jejala-
bhuktidesoyam Prithvirajena
lunitah S. 1239*

From this we learn that the conquest of *Jejâhuti* (or *Mahoba*) took place in s. 1239 or A.D. 1182.

According to the *Prithvirâja Vijaya*, Aruno had three sons:

1 Nameless, who murdered his father	2. Visala Deva, or Vigraha Raja	3 Someswara
Prithivi Bhaṭa	No son	Prithivi Raja

⁴⁹ *Asiat. Society of Bengal Proceedings*, 1893, pp. 93, 94

⁵⁰ *Archaeol. Survey of India*, xxi. 174

We have coins of *Somesvara* and of *Prithvi Raya*, but I know of none of *Visala* (or *Vigraha*) or of the nephew *Prithvi Bhata*. And no coins have yet been found of *Aruno* (or *Arella Dera*). The kingdom of *Visala Dera* is called *Sukambhari* (Sambhar) in the Delhi Pillar inscription, and in the *Prithvirâja-Vijaya* the kingdom of the Chauhâns is said to be *Ajayamerâ* or *Ajmer*. In the *Hammîra Mahâkavya* it is called *Sapudalaksha* (Sawâlak) of which *Ajmer* and *Hânsî* were the acknowledged capitals. I have visited all these places, but I have never found any coins which I could assign to *Aruno* or to *Visala*. I have, however, several coins with strange names which I believe to belong to the Chauhâns of *Ajmer*.

RAJAS OF DELHI AND KANAUJ

AD	TOMARS	RAGHU VANSIS	RAHTORS
736	ANANG PÂL I		
753			
772			
793			
813			
833			
848			
874			
895			
918			
939	Sukhpal (or Tejpal)		
960	Gopal		
978	Sallakshanpal		
1003	Jaipal		
1019	Kumar Pal		
1049	ANANGA PAL II		1050 CHANDRA DEVA
1079	Vijaya Pal (or Tej Pal)		1080 Madan Pal
1103	Mahi Pal		1115 Govinda Chandra
1128	ANANGA PAL III		
1149			1165 Jaya Chandra
	CHAUHANS		
1120?	Aruno Raja		
1150?	VISALA 1162 }	brothers	
1162	Someswara		
1166	Prithvi Raja		
1191			1193

COINS OF THE TOMARS OF DELHI AND KANAUJ

PLATE IX

No	Metal	Grs	Description
1	Bil		<p>SALLAKSHANA PALA DEVA, A.D 978—1008</p> <p>Author E Thomas, <i>Pathan Kings</i>, p 62 Wrongly attributed to Kabul Horseman carrying lance to right, copied from coins of Brahman Kings of Kabul Indian legend, <i>Sri Sallakshana Pala Dera</i> Recumbent humped Bull <i>Sri Samanta Dera</i></p>
2	AR		<p>AJAYA PALA DEVA, A.D 1008—1019</p> <p>Author Four armed figure of Lakshmi seated Copied from Chedi coins of Ganggeya Deva Rei—Indian legend in three lines, <i>Sri Ajaya</i> <i>Pala Deva</i></p>
3	N		<p>KUMARA PALA DEVA, A.D 1019—1049</p> <p>Author, several of these coins came from Kabul Four armed figure of Lakshmi seated. Rei—Indian legend in three lines, <i>Sri nat</i> <i>Kumara Pala Dera</i></p>
4	Bil		<p>ANANGA PALA DEVA, A.D 1049—1079</p> <p>Author.</p>
5	Bil		<p>Horseman with lance <i>Sri Ananga Pala Dera</i> Recumbent humped Bull <i>Malhara Sri</i> <i>Samanta Dera</i></p>
6	N		<p>MAHI PALA, A.D 1108—1128</p> <p>Author Four armed figure of Lakshmi seated Indian legend, <i>Sri nat Mahi da Dera</i></p>
7	AR		<p>Author Type and legend same as on No 6</p>
8	Bil		<p>Author Recumbent humped Bull <i>Sri Mahi da Dera</i> Horseman</p>

COINS OF THE CHAUHANS OF AJMER AND DELHI.

PLATE IX			SOMESWARA DEVA, A.D 1162—1166
No	Metal	Gras.	Author, E Thomas, <i>Pathans</i> , p 63, <i>Ariana Antiqua</i> xix 28
9	Bil	53	Horseman with lance to right <i>Sri Someswara Dera</i> Recumbent humped Bull <i>Asatari Sri Samanta Dera</i>
10	Bil	52	PRITHVI RAJA DEVA A.D 1166—1192 Author, E Thomas <i>Pathans</i> , p 64, <i>Ariana Antiqua</i> , xix, 18 Horseman with lance to right <i>Sri Prithvi Raja Dera</i> Recumbent Bull, humped <i>Asavari Sri Samanta Dera</i>
11	Bil		PRITHVI RAJA and MUHAMMAD bin SAM, A.D 1192 ¹¹ Author, three specimens, E Thomas, <i>Pathans</i> , p 11 Horseman with lance to right <i>Sri Prithvi Raja</i> Recumbent humped Bull <i>Sri Mahamad Sam</i>
12	N		MUHAMMAD bin SAM Author, <i>Ariana Antiqua</i> , xxl 25, E Thomas, <i>Pathans</i> , p 20 Lakshmi with four arms seated. Copied from the coins of Govinda Chandra Indian legend in three lines, <i>Sri Mahan ad bene Sam</i>

¹¹ The occurrence of these two names on the same coin is to be explained by the facts related by *Minhaj*, who assigns the *capitulation* of Delhi to the year A.H. 587 (A.D. 1191), when Prithvi Raja became *tributary*. Aibek then retired to Hansi, but returned to Delhi in A.H. 589 (A.D. 1193) and captured the city. I assign these coins to the intermediate year A.H. 588 = A.D. 1192.

PLATE IX.

No. Metal. Gra.

13 AE

Author, E Thomas, *Pathans*, Pl. I, 9, p 15
 Horseman with lance *Sri Hamirah* Copied from coins of Prithvi Raja
 Recumbent humped Bull *Sri Mahamad*
Same

14 AE

Author, E Thomas, *Pathans*, Pl I, 10, p 16 Rude execution
 Horseman with lance *Sri Hamirah*
 Recumbent humped Bull. *Sri Mahamad* *Same*

COINS OF THE RAJAHS OF KANAUJ

15 Bil

MADANA PALA DEVA, A.D. 1080—1115
 Author, E Thomas, *Pathans*, p 62, *Ariana Antiqua*, xix 19
 Horseman with lance to right *Sri Madana Pala Dera*
 Recumbent humped Bull. *Mudhara Sri Samanta Dera*

16 AR

GOVINDA CHANDRA DEVA, A.D. 1115—1165
 Author, E Thomas, *Pathans* p 19
 Lakshmi with four arms seated Copied from coins of Ganggeya Deva of Chedi
 Indian legend, *Srinad Gorinda Chandra Dera*

17 AR

AJAYA CHANDRA (Jay chand), A.D. 1165—1193
 Author, nine specimens
 Lakshmi with four arms seated
 Indian legend *Sri Ajaya Dera*

UNKNOWN RAJPUT COINS

Very little can be said of any one of these coins as the names are all more or less imperfect and their complete readings can therefore only be guessed E Thomas has

PLATE IV

No Metal Grs

given four of them tentatively, and with his readings I partly agree. My readings are taken from my own coins

Pipala

18 Bil Author, three specimens, E Thomas *Pathans*
p 59
Horseman *Sri Pipala*
Humped Bull *Kutamana Sri Samanta Dea*
All my specimens agree in this reading on
the Bull side, but E Thomas reads only
Asduari Sri Samanta Dea
Chand mentions *Pipa Parihar* Raja of
Sambhar I found the same name in the
books of *Muk ji*, the Bard of the Khichi
Chauhans There was also a *Pipanyar* Raja
in the same books

19 Bil Author, unique
Horseman *Sri Ja++*
Recumbent Bull *Sri Samanta*

20 Bil Author, unique
Horseman + *Bhilh* ++ (or *Bhishma*)
Recumbent Bull *Sri Samanta Dea*

21 Bil Author, one coin, E Thomas, *Pathans*, p 53,
three coins
Horseman *Ku +* E T has *Sri Kuli Dea*
Recumbent Bull + *pala Sri Samanta Dea*
E T reads the same, p 59

22 Bil Author, unique
Horseman *Sri Hamurah*
Recumbent Bull *Mau + Sri Udme?*

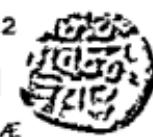
23 Bil Author, two coins, E Thomas, *Pathans*, p 59
Horseman *Sri + +*
Recumbent Bull *Sri Kalkhana* or *Kilkhana?*
On the saddle cloth Persian legend

— Bil Author, two coins, not in Plate, E Thomas,
Pathans, p 59
Horseman *Sri Pithi + +*
Recumbent Bull *Raja Sri Samanta*
My second coin, *Asauari Sri Samanta*, as
E T has it

The Billon coins of mixed silver and copper, which were adopted by all the later kings of the Tomaras and Chauhans, are called *Dihârlâs* or *Diliâls* by the early Muhammadan writers. They were copied by Muhammad bin Sâm and his successor; but the native Hindu name is not known. Neither is their exact value known; but I believe that after the *silver tangkas* came into use in the reign of *Ilutmish*, the *Diliâls* became the *jisals* or *chitals* of 40 and 50 to the tangka. Taking the silver in each as 28 grains, the fifty pieces would contain 120 grains of silver, and 50 times 50, or 2,500 grains of copper. Allowing 50 rates of copper, the quantity of this metal would be worth 50 of silver and the 50 *diliâls* would therefore be worth 170 grains of silver, or just one silver tangka.

NARWAR

AE

MALAYA VARMA DEVA2
AE3
AE

AE

CHAHADA DEVA

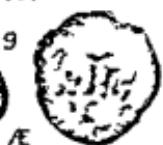
AE

5
AE6
AE7
AEASALLA DEVA

AE



AE



AE

GANAPATI DEVA10
AEMEWARRANA KUMBHO A.D 1418-1468

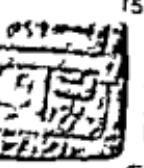
II



AE

12
AE

AE

14
AERANA SANGRAMA A.D 1508-152913
AE14
AE15
AERANA VIKRAMADITYA A.D 153216
AERANA BANBIR A.D 153917
AE18
AEMEWARCHITRAKUT UDAYPUR

AR

19
AR

AR

INDORJESWANT RAO HOLKAR

The Billon coins of mixed silver and copper, which were adopted by all the later kings of the Tomaras and Chauhans, are called *Dihedls* or *Dihals* by the early Muhammadan writers. They were copied by Muhammad bin Sám and his successor, but the native Hindu name is not known. Neither is their exact value known, but I believe that after the *silver tangkas* came into use in the reign of *Iltutmish*, the *Dihals* became the *gitals* or *clitals* of 40 and 50 to the tangla. Taking the silver in each as 28 grains, the fifty pieces would contain 120 grains of silver, and 50 times 50, or 2500 grains of copper. Allowing 50 rates of copper, the quantity of this metal would be worth 50 of silver and the 50 *dihals* would therefore be worth 170 grains of silver, or just one silver tangka.

X.—RAJPUTS OF NARWAR

The coins assigned to the mediæval Rajas of Narwar are found chiefly at Narwar itself and in the neighbouring cities of Jhânsi and Gwalior. The assignment is confirmed by the discovery of inscriptions giving the genealogy of five princes of the family, from *Chalara Deva* down to Ganapati. But we have coins of an earlier king, *Malaya Varma Deva*, who, though not mentioned either in history or in the inscriptions, must have ruled at Narwar, as his coins are found along with those of the recorded kings. They also bear dates in Samvat years as we find on the coins of the known Rajas of Narwar, Chahara Deva, Asalla Deva, and Ganapati Deva.

The following list of the Rajas of Narwar has been drawn up from the inscriptions and from the dates furnished by the coins and other sources.—

RAJAS OF NALAPURA OR NARWAR

Accession			Dates from Inscriptions and Coins
Sam.	A.D.		
1204	1237	Malaya Varma Deva Chāhadā Deva	s 1280, 82 89, 90 s 129, 1803, 1805, 1806, 1811
1312	1255	Nṛī Varma	s 1827, 1830
1312	1255	Asalja Deva	s 1837
1895	1278	Gopila	s 1837
1847	1290	Gapapati	s 1848, 1855

The inscriptions relating to the Rajas of Narwar were found at the following places —

No 1 at *Rat*, dated S 1827 = A.D. 1270, in time of Asalla Deva.

No 2 at *Dahi*, dated S 1887 = A.D. 1280, mentioning Gopala Raja.

No 3 at *Sarucaya*, dated S 1218 = A.D. 1201, in time of Gapapati Raja.

No 4 at *Narwar*, dated S 1255 = A.D. 1298, in time of Gapapati.

Of *Malaya Varma Deva* we know nothing except his date which we gather from his coins. From his name of Varma I was at first inclined to look upon him as of a different family, but as Chāhadā Deva's son was named Nṛī-Varma, this Malaya may have belonged to the Narwar family.

Of Chāhadā Deva we have two apparently conflicting accounts both related by the same writer, *Minhāj*, in his *Tabakat-i-Nāsiri*. As he was a contemporary, I am inclined to adopt his accounts, and to make an attempt to reconcile them.

According to the earlier accounts *Rana Chahar Achari*,

of Ranthanbhor and the Koh payah of Mewât, was defeated by the Muhammadan general, Tâbasi, sent from Delhi in A.H. 631 or 632 = A.D. 1234 or 1235, at the end of the reign of Iltutmish. He is described as the "most noble and illustrious of all the *Rais* of Hindustan"⁵² He is also called Nâhar Deo

In the later accounts of A.H. 649 = A.D. 1251, *Chahar Deo Achâri* was defeated by Ulughkhan on his return from the plunder of Kâlanjar, at the defiles of the Sindh River near the fortress of Narwar. He is in this account called "the greatest of the *Rais* of all that part of the country"⁵³

Major Raverty, the translator of the *Tabakât*, thinks that two different Hindu chiefs are intended, while E. Thomas confidently identifies them as one and the same person.⁵⁴ Major Raverty's opinion is not without support, but I feel inclined to agree with Thomas. I found my conclusion on the title of *Achari*, which is given to the Rantabhor Chahâr Deo in this account, and to the Narwar Chahâr Deo in all the accounts. Much speculation has been spent in trying to explain this title. It sometimes is written *Chahâr-i-Achari*, or "Chahar of Achâri," but no place of this name is known. As *Châhar-Achari*, it has been supposed to designate the Raja as an *Acharya*, or "religious teacher." In my opinion it is only an attempt to represent in Persian characters the title of *Asâcari*, which is found on the Raja's own coins as the independent ruler of Rantabhor, "Asâcari Sri Samanta Dera," and then as the tributary under *Shams-*

⁵² Raverty's Translation, pp. 791 and 824

⁵³ Raverty, p. 824

⁵⁴ *Patilans*, pp. 67-70

ud din Iltutmish as "Asācari Sri Samasorala Dera"⁵⁵ Now this title of Achari, although it does not appear on the Narwar coins, is always given to the Raja Chahār Deo of that place

I conclude that Chahār Deo latterly took up his residence at Narwar, which, according to the inscriptions, was his birthplace. His Narwar coins begin with one date in 129x Samvat, the unit figure being gone. If taken as S 1291 the date would be A.D. 1234 in the last year of Iltutmish. But as I have one coin of Malaya Varma Deva dated 129x, Chahār Deo's date may be taken as late as S 1294 = A.D. 1237

COINS OF THE RAJPUTS OF NARWAR

PLATE X			MALAYA VARMA DEVA, A.D. 1230
No	Metal	Grs	
1	Æ		Author, 18 specimens Rude copy of horseman Indian legend, <i>Sri Malaya Varma Deva</i> , S 1280
2	Æ		Author, type same as No 1 <i>Sri Malaya Varma Deva</i> , S 83
3	Æ		Author, type same as No 1, date, S 9+, unit figure lost
CHAHADA DEVA, A.D. 1234—1255			
4	Æ		Author, 12 specimens mixed silver and copper, E Thomas, <i>Pathans</i> , p 70 Horseman to right <i>Sri Chahada Deva</i> Recumbent humped Bull <i>Asauari Sri Samasorala Deva</i>
—	Æ		<i>Ariana Antiqua</i> , Pl. xix, 16, E Thomas <i>Pathans</i> , p 70 Same as No 4, but reverse legend, <i>Asauari Sri Samanta Deva</i>

⁵⁵ E Thomas, *Pathans*, p 70

PLATE X		
No.	Metal	Grm.
5	Æ	Author, copper coins, 14 specimens Rude horseman, no legend Legend in three lines, <i>Srimat Chahada Deva</i> , S 129+, unit lost
6	Æ	Author, same types as No 5, S 1803
7	Æ	Author, same types, S 1311
		ASALLA DEVA, A.D. 1255—1278
8	Æ	Author, 8 specimens Rude horseman to right, scarcely traceable Legend in three lines, <i>Srimat Asala Deva</i> , S 1330
9	Æ	Author, same types, S 1312
		GANAPATI DEVA, A.D. 1347
10	Æ	Author, unique Rude horseman, scarcely traceable Legend in three lines, <i>Srimat Ganapati Deva</i> , S 134+, unit figure lost

RAJPUTS OF MEDAPĀTA OR MEWĀR

Medapāta or *Mewār*, the most southerly of the great Rajput kingdoms, comprises all the country on the upper course of the *Varnanāsa* or *Banās* River, including a compact territory upwards of 200 miles in length from north to south, by more than 100 miles in breadth from east to west. Its ancient capital was *Chitrācar* or *Chitor*, which is still the great stronghold of the kingdom but its present capital is *Udaypur*, which is now the common name for the principality.

Its rulers have long been known as one of the highest caste Rajput's, the *Gobhilas* or *Guhilas*, whose traditional history begins with *Bappa Rāval*. According to the records of the family *Bappa Rāval* captured Chitor from a *Mori* chief in the year S 191. This is the date recorded in the books of *Mukji*, the *Khichi* bard, which I examined

myself, and which Mukji's sons corroborated by repeating a verse beginning with *Eka sao angkunbt*, (*Eka sau ekānau*), "In the year one hundred and ninety-one," and ending with "Bappa Rāwal his kingdom won" This date I should refer to the Harsha era of A.D. 607, which would give $606 + 191 = 797$ A.D. Tod gives A.D. 727, but does not say how he obtained it

We have no coins that can be assigned to any of the early Rānas of Mewār. It is probable that coins were struck by some of them, but as they would be of Sassanian type, without names or with only single letters, none can be assigned.

It is possible that some of the unassigned Horseman and Bull coins of Plate IX. might belong to the Rānas who were contemporary with Prithvi Rāja Chauhān. We might expect to find specimens of Samara Sinha, the Gobhila son in law of Prithvi Rāja, but none have appeared. Perhaps the last coin in Plate IX., fig. 23, may belong to Samara Sinha's son, Karana or Kalkana.

But the first coins that can be assigned with certainty to Mewār are the two square pieces in Plate X. figs. 11, 12, which bear the name of Rāna Kumbhakarna, or Kumbho, the founder of the hill-fortress of Kumbhalmer. These pieces are of historical interest, as they must be specimens of the actual *tangas*, coined in his own name by Rāna Kumbho, which gave so much offence when offered to the Muhammadan invader, Mahmud I. of Malwa. Ferishta, who relates the story, says that when Mahmud reached Chitor,⁵⁶ Rāna Kumbho, in order to avert the approaching calamity, met the king on the road, and made a large offering of money (*tankas*) coined in his own

name, which so incensed Mahmud that he returned the whole sum. But some time afterwards Mahmud accepted 10 lakhs of *tankas*, without any scruple, from the same king.⁵⁷ The fact is, that when the Muhammadan prince was successful, he was insolent and overbearing; but when he was obliged to raise the siege of Chitor, he became milder in his conduct, and was glad to receive the money as a present. The Hindus, however, looked upon the raising of the siege as a confession of defeat, and Râna Kumbho erected in commemoration his graceful Pillar of Victory in the fortress of Chitor. This is the famous *Jaya Stambha*, "Pillar of Victory," which still stands erect in Chitor, and which the people more generally call *Kirtti Kambh*, or "Pillar of Fame."

During his long reign of fifty years Râna Kumbho built the strong fortress of *Kumbhalmer* to command a pass in the Aravalli range, leading from Udaypur to Jodhpur. It is 50 miles nearly north from Udaypur, 100 miles nearly south from Jodhpur, and the same distance west from Chitor. It was reconnoitred by Mahmud from a neighbouring hill. He wished to besiege it, but was obliged to give up his wish with the acknowledgment that the siege would be too long. Kumbho was at last murdered by his eldest son *Oda*, in A.D. 1468; but the murderer did not enjoy the throne long, as he was supplanted five years later by *Raimal* or *Ranmal*, the father of the famous *Sangrâma*.

Râna Sangrâma, or *Râna Sanga*, as he is most commonly called by the people, succeeded in A.D. 1508. He is styled by Tod the *Kalas*, or "Pinnacle," of Mewâr glory, because he fought with the Emperor Baber a very severe

⁵⁷ Briggs, iv. p. 224.

battle at *Kâñca*. I have visited the place, which the people believe to be haunted at midnight by long processions of the ghosts of the slain.

Sangrama's coins are square pieces of copper of the Muhammadan kings of Malwa, restruck on one face only with the Râna's name and the date of the Samvat year, while the other side still retains the name and titles of the Muhammadan king, either complete or in part. On one piece the obverse only gives the name of Sangrama with the Hindu date, the rest of the type being the remains of the Muhammadan inscription.

The remaining coins of the Mewâr princes, Vikramâditya and Banbir, are even ruder than those of Sangrama. I have given one specimen of each in Plate X.

As the Mewâr coinage begins with that of Râna Kumbho it is not necessary to give a long list of the kings. I therefore commence the following list with Râna Mokalji, the father of Kumbho, and conclude it with Râna Udaya, during whose reign Chitor was successfully besieged by Akbar in A.D. 1580.

GOTHILA RÂNAS OF MEWAR.

Accession		RÂNAS	
Sam	A.D.		
1454	1397	Mokalji	
1475	1418	Kumbhakarna	Kumbho
1525	1468	Oda	
1530	1473	Raimal, or Ranmal	
1565	1508	Sangrama	Sanga
1586	1529	Ratna	
1589	1532	Vikramâditya	
1596	1589	Banbir	
1597	1540	Udaya Singha	

The only known money of the Rânas of Mewâr is of copper, and square in form, after the old Hindu fashion. The earliest specimens are those of Râna Kumbho, "*coined in his own name*," which were so unceremoniously refused by the Muhammadan king. These copper pieces are called *taṇṭas* in the histories, which was the common Hindu name for the copper *Kârshapana*, which had been

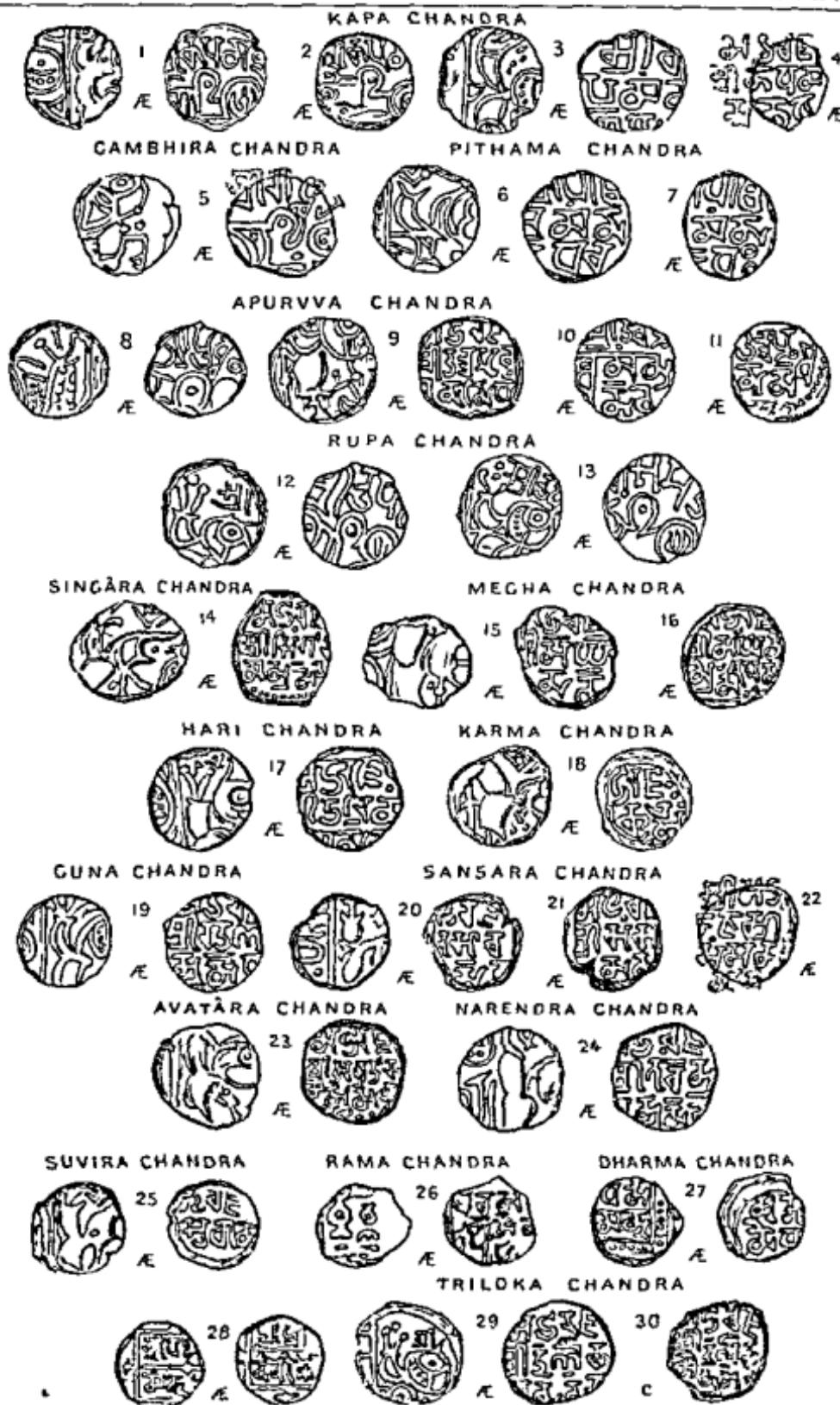


PLATE X	No	Grs	1856 in Lahor before the mutiny. I have since seen a gold mohur of the same type <i>Chitrakuta</i> , or <i>Chitor</i> , is the famous fortress of Mewar, and <i>Udayapur</i> is the present capital. The legend, <i>Friend of London</i> , was used before the mutiny
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INDOR

JESWANT RAO HOLKAR.

19	173	Author, duplicate, Prinsep's <i>Useful Tables</i> , p. 60, rupee
		The following description is from Prinsep. His coin weighed 174.95 grains and its pure contents 165.84 grains
		<i>Oli</i> — <i>Sri Indraprasthasthito raja chaharavarti bhupan dale,</i>
		<i>Tatprasadat krita mudra lokesmin rati virajite,</i>
		<i>Rer</i> — <i>Lakshmi kritapadambhojabhramararajitachetasah,</i>
		<i>Tejaitantarya rikhyata mudrausha prithicitale</i>
		"By permission of the King of Indraprastha [Delhi], the Emperor of the World, this coin has been struck by the renowned Yeswant, whose heart is as the black bee of the lotus foot of Lakshmikant, to circulate through out the earth Saka, 1728" [=A.D. 1806]

XI — TRICARTTA, OR JALANDHAR, OR KANGRA

The rich district of Jalandhar originally comprised the two Doabs lying between the rivers Râvi and Sutlej. The capital of the country was the city of *Jalandhar*, and *Kot-Kangra* was its chief stronghold. The name was derived from the Danava Jalandhara, the son of the Ocean and the Ganges River. The legend about his defeat by Siva I have related in another place.⁵ The full name of the

⁵ *Arch. & Survey of India*, v. 146

descended from the Bull and Horseman type" They are, he goes on to say, "coarsely executed imitations" of them, with the common superscription of "Sri Samanta Deva"

This also was my opinion when I arranged Plate XI in 1850 Mr C J Rodgers came to the same conclusion He says, "all the coins of the Kangra Rajas, with some few rare exceptions, are of the Horseman type Some are of the Bull and Horseman type, with the names of the Rajas over the Bulls Nay, more than this, the earliest Kangra coins bear the name of Samanta Deva over the Bull" This is the very same conclusion that Bayley and myself had arrived at more than forty years ago The earliest coins of the Kangra mint bear the name of Sri Samanta Deva The next step was to place the name of the Kangra Raja over the Bull, as in Nos 1 and 2 of *Kapa Chandra*, No 5 of *Gambhira Chandra*, and No 12 of *Rupa Chandra* But No 13 of *Rupa Chandra* gives the Raja's name over the Horseman, and that of Samanta Deva over the Bull

I have given a coin of *Guna Chandra* of Guler because he was the son of *Hari-Chandra*, A D 1405 to 1420 There is a curious story attached to the foundation of the *Guler Raj* by Hari Chandra⁶⁰ He and Karmma Chandra were brothers, and Hari, as the elder brother, succeeded his father as Raja of *Trigartta* Some years after his accession he fell down a well at Harsar when out sporting, and could not be found His younger brother, Karmma, was then proclaimed Raja, and his wives became Satis After a few days he was discovered by a *Baipari*, who got him out of the well and revived him But as his funeral ceremonies had been performed he could not recover his

the silver money of the Indo Greek Princes Menander and Apollodotus. In fact, a large number of the silver pieces of Apollodotus were found in a field at *Jrâla mukhi*. This money apparently remained in use until the mediæval period of the Brahman Kings of Kabul, whose coins, and more especially those of *Sâmanta Dera*, were issued in such numbers that no new coinage was attempted by succeeding princes, and they remained until the Muhammadan conquest almost the sole currency of the Panjab and North West India. The Ghazni Kings of Lâhor, Masaud Modûd, Ibrahim and Farokhzad and the Hindu Kings of North West India, the Tomars Sallakshan Pal and Anang Pal, the Rahtor Madan Pal, and the Chauhâns Prithvi Raja, all adopted the type of the horseman with the title of *Sri Samanta Deva*.

The coins shown in Plate XI were all drawn by my own hand upwards of forty years ago, and more than thirty years ago the plate was sent to Calcutta for publication in the Journal of the Bengal Asiatic Society. But it was afterwards returned to me as there was some difficulty about getting it engraved in Calcutta. Since then the whole of my collection of Kângra coins has been lost in the wreck of the steamer *Indus*, off Ceylon. It included many good specimens of the known Rajas, acquired since 1850, besides an unique specimen of the royal poet Mânîkya Chandra Deva.

In 1853 Sir Clive Bayley published a short notice of the coins of the Kangra Rajas, including the money of eight kings. He refers to my previous notice of "some years before" (see *Prinsep's Antiquities*, by E. Thomas 1, 392) in which I had made known the names of fourteen kings. I notice this paper of Sir Clive Bayley because he states his opinion that these coins are "evidently

descended from the Bull and Horseman type" They are, he goes on to say, "coarsely executed imitations" of them, with the common superscription of " *Sri Samanta Deva*"

This also was my opinion when I arranged Plate XI in 1850 Mr C J Rodgers came to the same conclusion He says, "all the coins of the Kangra Rājas, with some few rare exceptions, are of the Horseman type Some are of the Bull and Horseman type, with the names of the Rājas over the Bulls Nay, more than this, the earliest Kangra coins bear the name of Sāmanta Deva over the Bull" This is the very same conclusion that Bayley and myself had arrived at more than forty years ago The earliest coins of the Kangra mint bear the name of *Sri Sāmanta Deva* The next step was to place the name of the Kangra Raja over the Bull, as in Nos 1 and 2 of *Kapa Chandra*, No 5 of *Gambhira Chandra*, and No 12 of *Rupa Chandra* But No 13 of Rupa Chandra gives the Raja's name over the Horseman, and that of Sāmanta Deva over the Bull

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COPPER COINS OF RAJAS OF KANGRA—continued

PLATE VI		Obverse	Reverse
No	Date		
	A.D.		
	1390		MEGHA CHANDRA
15		Horseman	{ <i>Maharaja Sri</i>
16		Do	{ <i>Megha Chanba Deva</i>
	1405		HARI CHANDRA
17		Horseman	{ <i>Maharaja</i> <i>Sri Hari Chandra Deva</i>
	1420		KARMA CHANDRA
18		Horseman	{ <i>Maharaja Sri</i> <i>Karma Chandra Deva</i>
	1420		GINA CHANDRA
19		Horseman	{ <i>Maharaja Sri</i> <i>Guna Chandra Deva</i>
			N B.—Guna Chandra was the son of Hari Chandra and succeeded his father as Raja of Guler, of which Haripur was the capital. The story of Hari Chandra's accession to the rājā of Guler has been told in a previous page. The coins of Hari Chandra are common and I conclude that some of them were struck as Raja of Kangra, and some as Raja of Guler. There are no coins of his successors except this one of his son, Guna Chandra.
	1435		SANSARA CHANDRA.
20		Horseman	{ <i>Maharaja Sri</i>
21		Do	{ <i>Sansara Chandra</i>
22		Do	{ <i>Deva</i>

COPPER COINS OF RAJAS OF KANGRA—continued

PLATE XI		Obverse	Reverse
No	Date		
	A.D.		
	1450		AVATĀRA CHANDRA
23		Horseman	<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex-grow: 1;"></div> <div style="border-left: 1px solid black; padding-left: 10px;"> <i>Maharaja Sri</i> <i>Atatara Chandra</i> <i>Dera</i> </div> </div>
		N.B.—The name of <i>Atatara</i> does not occur in any of the lists of the Rajas of Kangra, but I believe that it is only a synonym for <i>Deunga</i> , of whom I formerly possessed one coin kindly given to me by Mr C. J. Rodgers.	
	1465		NARENDRA CHANDRA.
24		Horseman	<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex-grow: 1;"></div> <div style="border-left: 1px solid black; padding-left: 10px;"> <i>Maharaja Sri</i> <i>Narendra Chandra Dera</i> </div> </div>
	1480		SUVIRA CHANDRA.
25		Horseman	<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex-grow: 1;"></div> <div style="border-left: 1px solid black; padding-left: 10px;"> <i>Maharaja Sri</i> <i>Narendra Chandra Dera</i> </div> </div>
	1510		RĀMA-CHANDRA
26		Unknown symbols.	<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex-grow: 1;"></div> <div style="border-left: 1px solid black; padding-left: 10px;"> <div style="display: flex; align-items: center;"> [Maharaja] Sri Rāma Chandra Dera * 1585 = A.D. 1528 </div> </div> </div>
		N.B.—This is the only specimen of a dated coin that I have met with.	
	1528		DHARMA CHANDRA.
27		Dharma Chandra	<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex-grow: 1;"></div> <div style="border-left: 1px solid black; padding-left: 10px;"> <i>Munaga Deva</i> (?) <i>Sri Dharma Chandra</i> </div> </div>
28			<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="flex-grow: 1;"></div> <div style="border-left: 1px solid black; padding-left: 10px;"> <i>* dra Devi</i> </div> </div>

COPPER COINS OF RAJAS OF KANGRA—continued

PLATE XI		Obverse	Reverse
No	Date		
	A.D. 1563	MANIKYA CHANDRA * * * * { <i>Maharaja Sri Manikya Chandra Dera</i>	
		N B.—This unique coin was lost with all my Kangra collection in the wreck of the Indus steamer. It was a large thick piece, with the legend in Nagari letters	
29	1610	TRILOKA CHANDRA Horseman <i>Sri</i>	{ <i>Maharaja Sri Triloka Chandra Dera</i>
30		Horseman	Same legend as No 29



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